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FOR DAVIS-MONTHAN AFB, AZ

Prepared by

OL-A, USAFETAC ASHEVILLE, NORTH CAROLINA 28801-2723

MAY 1990



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USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

Scott Air Force Base, Illinois, 62225-5438





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PROGRAM MANAGER

2 8 SEP 1990

REPORT DOCUMENTATION PAGE

- 2. REPORT DATE: MAY 1990
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- 11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS). EXISTING RUSSWOS AND LISOCS WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
- 13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
- 14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, DAVIS-MONTHAN AFB ARIZONA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: MAY 79 - APR 89 (AIRWAYS).

SUMMARY OF DAY DATA: JUL 41 - JAN 46, JAN 48 - APR 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/ OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200 - 1400
0300-0500	1500-1700
0600-0800	1800 - 2000
0000-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ.	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG.	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
LJi	EDONE OTHER THE	UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

^{*} UTC REPLACED GMT ON 1 AUGUST 1988

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

-_^

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA - PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS

- · BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY
DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON
THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.
HESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBIL., BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".O" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, !N AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

			LST TO	UTC: +	7	JNIMAN AF			MONTH:	JAN		9 - APK 89
HOURS	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
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06-08	.2	3.8		.6		4.4	1.4				5.8	930
09-11		3.4		.2		3.7	1.4				5.1	930
12-14	.2	3.1		.3		3.4	.9				4.3	930
15 - 17	. 2	4.6		.3		4.9	.5				5.5	930
18-20	.2	5.8		.3		6.1	.4				6.6	930
21.23		4.8				4.8	.3	.2			5.4	930
ALL HOURS	.1	3.9		.3		4.2	.8.	.0		•••••	5.1	7440
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03-05	. 1	4.5				4.5	1.1				5.5	849
06-08	. 1	2.2		.1		2.4	.8				3.2	849
09-11		3.8				3.8	.6				4.4	849
12-14	.1	4.2				4.2					4.2	849
15-17	. 1	4.8				4.8	.5			.1	5.4	849
:8-20		4.8		.1		4.9	.6				5.5	849
21-23	.1	5.1		.1		5.2	.2				5.4	849
ALL HOURS		4.1		.1		4.2	.5			.0	4.7	6792

ALL HOURS |

.3 1.9

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS | TSTMS LIQUID FREEZ FROZEN HAIL ALL FOG SMOKE BLOWING DUST ALL (LST) | PRECIP PRECIP PRECIP PRECIP &/OR SNOW &/OR OBST TOTAL PRECIP &/OR HAZE SNOW &/OR SAND NO. OF SAND TO VSN OBS 00-02 | .3 2.8 .1 2.9 2.9 930 03-05 .3 3.8 3.8 3.8 06-08 .2 2.7 2.7 .3 3.0 930 09-11 .1 2.8 8.5 .1 2.9 930 12-14 i . 1 2.7 2.7 930 .1 .1 2.9 15-17 .1 930 4.3 4.3 .2 .3 4.8 18-20 .1 3.3 3.3 .1 3.4 930 21-23 .3 930 2.6 2.6 . 1 2.7 ALL HOURS | .2 3.1 .1 .0 3.1 .1 3.3 7440 MONTH: APR 00-02 | .1 1.9 900 .1 2.0 2.0 03-05 2.1 2.1 2.1 900 80-60 .9 .9 .9 900 09-11 j .1 1.8 1.8 900 1.8 .3 12-14 j 1.8 1.8 1.8 900 15-17 I .7 2.3 2.3 2.3 899 18-20 j .7 2.9 2.9 2.9 897 21-23 1.8 1.8 897

.0

1.9

1.9

7193

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAY HOURS | TSTMS LIQUID FREEZ FROZEN HAIL ALL FOG SMOKE BLOWING DUST ALL TOTAL (LST) PRECIP PRECIP PRECIP PRECIP &/OR SNOW &/OR OBST NO. OF HAZE SAND TO VSN OBS 00-02 | .6 .2 .2 930 .2 03-05 i .5 . 5 .5 930 06-08 .2 .2 .2 930 .2 09-11 i . 2 . 2 .2 930 12-14 2.3 1.5 1.5 1.5 930 15-17 2.9 2.7 2.7 2.7 930 18-20 İ 930 2.3 2.2 2.2 2.2 21-23 1.3 1.0 1.0 1.0 930 ALL HOURS | 1.3 1.1 7440 1.1 1,1 MONTH: JUN 00-02 | .1 .3 .3 900 .1 .4 03-05 .3 .3 .3 . 3 900 06-08 j .3 .2 .3 . 3 900 09-11 900 . 1 .4 .4 .4 900 12-14 1.0 1.0 1.0 1.0 15-17 3.9 2.8 2.8 2.9 900 18-20 3.0 3.2 3.2 3.2 900 21-23 .8 900 .2 .6 . 2 ALL | HOURS | 1.1 1.1 .1 1.2 7200 1.1

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

• • • • • • • • • • • • • • • • • • • •	NO.IDENT			UTC: +					MONTH:			
HOURS	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	3.3	5.7				5.7	•••••	• • • • • • • •	• • • • • • • • • •	• • • • • •	5.7	930
03-05	1.2	1.9				1.9					1.9	930
06-08	1.0	1.6				1.6					1.6	930
09-11	1.0	1.6				1.6					1.6	930
12-14	3.7	2.3				2.3					2.3	930
15-17	10.6	6.8				6.8				.2	7.0	930
18-20	13.2	8.6				8.6				.2	8.8	930
21-23	8.7	10.5				10.5				.2	10.8	930
ALL HOURS									MONTH	AUG	• • • • • • • • •	7440
00-02		 5.9	•••••	•••••		 5.9	••••	• • • • • • •		•••••		930
03-05	2.4	3.3				3.3					3.3	930
06-08	.9	2.8				2.8	.1				2.9	930
09-11	.4	1.5				1.5					1.5	930
12-14	3.5	2.0				2.0					2.0	930
15-17	14.6	9.1				9.1					9.1	930
18-20	12.3	9.7				9.7					9.7	930
21-23	7.4	8.1				8.1					8.1	93 0
ALL HOURS	5.8	5.3				5.3	.0.				5.3	7440

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

	NUMBER:	122143	LST TO UTC: + 7							MONTH: SEP					
HOURS	TSTMS		PRECIP		HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS			
00-02	.8	2.1		•••••	•••••	2.1	• • • • • •	•••••	• • • • • • • • •	••••	2.1	900			
03-05	.6	1.6				1.6					1.6	900			
06-08	.9	.8				.8					.8	900			
09-11	.3	1.1				1.1					1.1	900			
12-14	1.7	2.3				2.3	.1				2.4	900			
15-17	5.2	4.9				4.9					4.9	900			
18-20	5.9	6.9				6.9				.2	7.1	900			
21-23	3.1	4.0				4.0				.1	4.1	900			
ALL HOURS	2.3	3.0	•••••			3.0	.0	•••••	MONTH:	.0 	3.0	7200			
00-02		1,9		•••••	• • • • • • •	1.9	•••••	• • • • • •	• • • • • • • • • •	• • • • • • •	1,9	930			
03-05	.6	1.5				1.5					1.5	930			
06-08	.2	2.2				2.2					2.2	930			
09-11	.3	2.0				2.0	.1			.1	2.3	930			
12-14	.8	2.9				2.9					2.9	930			
15 - 17	1.7	2.6				2.					2.6	930			
18-20	1 1.3	2.8				2.8					2.8	930			
21 · 23	[.6	1.7				1.7					1.7	930			
ALL HOURS	 .8	2.2				2.2	.0			.0	2.2	7440			

HOURS

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3.6

.7

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: NOV HOURS | TSTMS LIQUID FREEZ FROZEN HAIL ALL FOG SMOKE BLOWING DUST (LST) | PRECIP PRECIP PRECIP PRECIP & #OR SNOW ##OR ALL TOTAL &/OR (LST) OBST NO. OF HAZE SAND TO VSN 088 .7 2.3 00-02 2.3 .4 2.8 900 03-05 i .2 2.6 2.6 .7 3.2 900 06-08 j 2.2 2.2 .8 3.0 900 09-11 2.7 . 1 2.6 2.6 .1 900 .1 12-14 . 1 3.4 3.4 3.6 900 15-17 2.8 2.8 2.9 900 . 1 18-20 j .3 2.0 2.3 2.0 . 3 900 21-23 2.4 .2 2.8 900 2.4 ALL HOURS ! .3 2.5 2.5 .3 .1 2.9 7200 MONTH: DEC 00-02 | 2.9 .5 3.4 1.4 4.8 930 03-05 1.0 5.2 .1 2.8 3.8 930 1.4 06-08 i .2 2.8 .8 3.5 4.2 930 .6 09-11 2.5 .8 3.2 .9 4.1 930 12-14 3.7 1.1 4.7 .1 4.8 930 15-17 5.2 .4 5.6 930 .6 6.2 18-20 5.8 930 .2 5.2 .6 .5 6.3 21-23 j 3.8 .8 4.5 .8 5.3 930 ALL

4.3

5.1

7440

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

**

PERIOD OF RECORD: MAY 79 - APR 89 HOURS: ALL LST TO UTC: + 7 MONTH | TSTMS LIQUID FREEZ FROZEN HAIL ALL FOG SMOKE BLOWING DUST ALL TOTAL

MONTH	TSTMS	PRECIP	PRECIP	PRECIP	HAIL	PRECIP	FOG	&/OR HAZE	SNOW	&/OR SAND	OBST TO VSN	NO. OF OBS
JAN	.1	3.9		.3		4.2	.8	.0		•••••	5.1	7440
FEB	.1	4.1		.1		4.2	.5			.0	4.7	6792
MAR	.2	3.1			.0	3.1	. 1			.1	3.3	7440
APR	.3	1.9			.0	1.9					1.9	7193
MAY	1.3	1.1				1.1					1.1	7440
JUN	1.1	1.1				1.1				.1	1.2	7200
JUL	5.3	4.9				4.9				.1	5.0	7440
AUG	5.8	5.3				5.3	.0				5.3	7440
SEP	2.3	3.0				3.0	.0			.0	3.0	7200
ост	.8	2.2				2.2	.0			.0	2.2	7440
NOV	.3	2.5				2.5	.3			.1	2.9	7200
DEC	. 1	3.6		.7		4.3	.8				5.1	7440
ANNUAL	1.5	3.1		.1		3.2	.2	.0		.0	3.4	87665

OPERATING LOCATION 'A' PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA USAFETAC, ASHEVILLE NC FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 4901-8904 MONTH: ALL HOURS: ALL

LST TO UTC: +07	,
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MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	1.1	20.0	• • • • • • • • •	1.8	6	20.5	4.6	.2	•••••	• • • • • • •	21.2	1271
FEB	1.6	17.8		1.6	.6	18.0	2.8			.2	18.6	1158
MAR	2.3	19.4		1.7	.6	19.4	1.4			.1	19.5	1271
APR	3.3	12.8		.7	.7	12.8	.1				12.8	1230
MAY	5.1	9.5		.1	.2	9.5	.2			.1	9.5	1240
ן אטנ	9.3	13.2			.3	13.2				.8	13.5	1200
JUL	47.6	54.0			.8	54.0	.2	۶.		1.7	54.0	1240
AUG	45.6	46.5			.8	46.5	.2	. 1		.3	46.5	1240
SEP	17.8	25.2			.4	25.2	.7	.2		.2	25.3	1200
oct	6.9	15.3			.6	15.3	1.0				15.4	1240
NOV	1.5	13.7		.4	.2	13.7	1.8	.1			14.1	1200
DEC	1.3	19.1		3.2	.3	19.7	4.4				20.2	1240
ANNUAL	12.0	22.3		.8	.5	22.4	1.5	.1		.3	22.6	14730

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS FROM HOURLY OBSERVATIOS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

HOURS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
00.02			.3	.1	.6	.1	3.3	4.6	.8	.6	.7	
03-05		.1	.3		.4	.3	1.2	2.4	.6	.6	.2	.1
06-08	.2	,1	.2		.2	.2	1.0	.9	.9	.2	.4	.2
09-11			.1	.1		.1	1.0	.4	.3	.3	.1	
12-14	.2	.1	.1	.3	2.3	1.0	3.7	3.5	1.7	.8	.1	
15-17	.2	.1	.1	.7	2.9	3.9	10.6	14.6	5.2	1.7		
18-20	.2		.1	.7	2.3	3.0	13.2	12.3	5.9	1.3	.3	.2
21-23		.1	.3	.1	1.3	.2	8.7	7.4	3.1	.6	.1	
ALL HOURS	. 1	. 1	.2	.3	1.3	1.1	5.3	5.8	2.3	.8	.3	.1
TOTAL OBS	7440	6792	7440	7193	7440	7200	7440	7440	7200	7440	7200	7440

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JAN HOURS: ALL

LST TO UTC: + 7

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	N	O OF OBS
TSTMS	25.0		12.5	12.5	37.5	12.5		8
LIQUID PRECIP	16.1		17.5	26.3	16.5	23.5		285
FREEZING PRECIP								
FROZEN PRECIP	45.8			12.5		41.7		24
FOG	65.5		12.1	6.9	6.9	8.6		58
FOG WITH VIS GE 1/2 MILES	65.5		12.7	5.5	7.3	9.1		55
TOTAL OBS	1329	0	590	3509	728	1284	0	7440

					M	ONTH: FEB HO	OURS: ALL
TSTMS				40.0		60.0	5
LIQUID PRECIP	13.0		21.7	23.6	19.2	22.5	276
FREEZING PRECIP							
FROZEN PRECIP					40.0	60.0	5
FOG	43.2		5.4	16.2	13.5	21.6	37
FOG WITH VIS GE 1/2 MILES	39.4		6.1	18.2	15.2	21.2	33
TOTAL OBS	974	0	480	3054	800	1484	0 6797

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89 MONTH: MAR HOURS: ALL

		23, 10 010			•	TORITION HAR	HOURS, ALL
						<i></i>	
PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	,	10 OF OBS
TSTMS	6.3		12.5	• • • • • • • • • • • • • • • • • • • •	18.8	62.5	**********	16
LIQUID PRECIP	5.9		13.2	24.1	27.7	29.1		220
FREEZING PRECIP	 							
FROZEN PRECIP	! !							
FOG	<u> </u>			11.1	22.2	66.7		9
FOG WITH VIS GE 1/2 MILES	! !			11.1	22.2	66.7		9
TOTAL OBS	942	0	330	2765	1394	2009	0	7440
					 .			

					٨	ONTH: APR H	OURS: ALL	
TSTMS			15.8	47.4	21.1	15.8	• • • • • • • • • • • •	19
LIQUID	8.6		10.2	27.3	29.7	24.2		128
FREEZING PRECIP								
FROZEN PRECIP								
FOG								
FOG WITH VIS GE 1/2 MILES								
TOTAL OBS	812	0	420	2773	1586	1602	0	719

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	N	O OF OBS
TSTMS	3.2		24.7	25.8	33.3	12.9		93
LIQUID	5.6		5.6	25.0	30.6	33.3		36
PRECIP								
FREEZING								
PRECIP								
FROZEN								
PRECIP								
FOG								
FOG WITH VIS								
GE 1/2 MILES								
TOTAL OBS	760	0	402	2597	1990	1691	0	7+40

MONTH: JUN HOURS: ALL TSTMS | 5.0 18.8 28.8 27.5 20.0 20.0 48.9 20.0 LIQUID 2.2 45 8.9 PRECIP FREEZING PRECIP FROZEN PRECIP FOG FOG WITH VIS I GE 1/2 MILES TOTAL OBS | 647 0 395 2648 1766 1744 0 7200

USAFETAC, ASHEVILLE NC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

GE 1/2 MILES |

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JUL HOURS: ALL

LST TO UTC: + 7 PHENOMENA | CALM VARIABLE 360 - 089 090 - 179 180 - 269 270 - 359 NO OF OBS 397 4.3 TSTMS 20.7 36.8 21.9 16.4 14.8 46.9 22.2 10.5 162 LIQUID 5.6 PRECIP FREEZ!NG PRECIP FROZEN PRECIP FOG FOG WITH VIS

TOTAL OBS | 961 0 495 2735 1457 1792 0

MONTH: AUG HOURS: ALL 7.0 15.9 35.0 22.8 19.3 429 TSTMS 24.5 40.8 19.0 184 7.6 LIQUID 8.2 PRECIP FREEZING PRECIP FROZEN PRECIP FOG 100.0 100.0 1 FOG WITH VIS GE 1/2 MILES | TOTAL OBS | 1212 0 554 3200 1156 1318 0 7440

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

SIXIION NUMBER	. 122143	LST TO UTO	:: + 7	TINNI AFD NA			URS: ALL
PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	3.6		18.1	38.6	24.1	15.7	166
LIQUID PRECIP	6.3		22.3	40.2	19.6	11.6	112
FREEZING PRECIP							
FROZEN PRECIP							
FOG				100.0			1
FOG WITH VIS GE 1/2 MILES				100.0			1
TOTAL OBS	980	0	502	3409	1104	1205	0 7200
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••
						MONTH: OCT HO	URS: ALL
TSTMS	5.2	• • • • • • • • • • • • •	12.1	29.3	20.7	32.8	58
LIQUID PRECIP	8.9		27.4	26.6	11.3	25.8	124

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

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LST TO UTC: + 7

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MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	N	O OF OBS
TSTMS	16.7	••••••	5.6	16.7	16.7	44.4	• • • • • • • • • • •	18
LIQUID PRECIP	13.4		20.9	23.8	13.4	28.5		172
FREEZING PRECIP								
FROZEN PRECIP								
FOG	42.9		4.8	19.0	4.8	28.6		21
FOG WITH VIS	35.3		5.9	17.6	5.9	35.3		17
TOTAL OBS	1113	0	498	3461	758	1370	0	7200

MONTH: DEC HOURS: ALL TSTMS 60.0 40.0 LIQUID 14.8 11.8 30.4 15.6 27.4 263 PRECIP FREEZING PRECIP 27.8 9.3 37.0 FROZEN 11.1 14.8 54 PRECIP 30.5 1.7 22.0 16.9 28.8 59 FOG FOG WITH VIS 17.9 30.4 28.6 1.8 21.4 56 GE 1/2 MILES | 1201 0 7440 TOTAL OBS | 1495 0 450 3710 584

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89 MONTHS: ALL

TO UTC: + 7 MONTHS: A

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO C	F OBS
TSTMS	5.3	• • • • • • • • • • • •	17.9	33.9	23.6	19.2		1294
LIQUID PRECIP	10.6		17.8	30.3	19.4	21.8		2007
FREEZING PRECIP								
FROZEN PRECIP	31.3		7.2	13.3	8.4	39.8		83
FOG	43.3		5.9	16.6	11.8	22.5		187
FOG WITH VIS GE 1/2 MILES	41.0		6.4	16.2	12.7	23.7		173
TOTAL OBS	12112	0	5680	37555	14303	18015	0	87665

РРРРР	PPP	AAA	AAA	RRRR	RRRR	TTTTTTTTT	88888	888B
PPPPP	PPPP	AAAA	AAAA	RRRR	RRRRR	TTTTTTTTT	88888	BBBBB
PP	PP	AA	AA	RR	RR	TT	BB	88
PP	PP	AA	AA	RR	RR	ŦŦ	BB	BB
PPPPP	PPPP	AA	AA	RRRR	RRRRR	TT	BBBBBB	38888
PPPPP	PPP	AAAAA	AAAAA	RRRR	RRRR	ΤΤ	88888	BBBBB
PP		AAAAA	AAAAA	RR	RR	ΤΤ	BB	BB
PP		AA	AA	RR	RR	TT	BB	88
PP		AA	AA	RR	RR	TT	BBBBBB	3888B
DD		ΔΔ	AA	RR	RR	ΤŢ	88888	3B8B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".O" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .OS PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".O" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

- NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.
- NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.
- NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.
- NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.
- NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE NAVY AND NATIONAL WEATHER SERVICE
THROUGH 1945: 0800 LST THROUGH JUN 1952: 0030 GMT

JAN 1946 TO MAY 1957: 1230 LST JUN 1952 TO MAY 1957: 1230 GMT

JUN 1957 TO PRESENT: 1200 GMT JUN 1957 TO PRESENT: 1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801-8904 MONTH: ALL HOURS: ALL LST TO UTC: +07 **AMOUNTS** JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN (INCHES) 91.1 87.5 79.8 87.5 47.2 74.9 77.9 NONE 81.2 80.6 54.1 84.1 87.1 80.1 TRACE 6.2 5.8 6.1 5.5 5.2 6.3 21.0 18.5 10.7 5.7 3.2 6.2 8.4 .01 .8 1.1 1.2 .9 .5 1.0 4.1 2.5 .7 .7 .9 .8 1.3 .02-.05 3.5 4.7 3.4 2.0 1.1 1.4 7.8 7.6 3.6 2.5 1.7 2.9 3.4 .06-.10 2.3 2.5 2.0 .7 .3 1.1 5.2 4.3 2.2 1.7 1.3 1.7 2.1 .11-.25 2.5 3.5 17 1.2 1.5 6.3 5.7 3.2 2.0 2.8 3.4 4.2 3.2 .26-.50 3.0 2.0 .3 .9 5.0 3.9 2.5 1.8 1.4 1.1 1.7 2.0 2.1 .51-1.00 1.6 .9 1.2 .2 . 3 .3 2.9 2.3 1.4 1.7 1.2 1.8 1.3 1.01-2.50 .1 .5 .1 .1 .6 1.1 .9 .4 .1 .4 .4 2.51-5.00 .1 .0 .1 5.01-10.00 10.01-20.00 OVER 20.00 DAYS WITH 9.7 14.0 13.0 13.3 7.0 3.7 6.2 31.9 27.4 10.2 13.6 13.8 **MEAS AMTS** 14.4 TOTAL NO. OF I 1395 1350 OBSERVATIONS | 1457 1278 1426 1380 1403 1413 1380 1426 1380 1425 16713

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 4107-4601,4801-8904

		ι	ST TO UT	rc: +07					MON	TH: ALL	HOURS	: ALL	
YEAR	Į JAN	FEB	MAR	APR	MAY	JUN	JÜL	AUG	SEP	OCT	NOV	DEC	ANNUAL
41		• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • •	.00*	.00*	1.34	.46	.62	1,79	4.21*
42	.46	1.53	.28	.71	.00	.00	1.63	1.00	1.82	.38	TRACE	.36	8.17
43	.40	.29	2.23	.05	.68	.05	.70	2.87	2.89	.27	.00	.84	11.27
44	.38	1.02	1.09	1.04	.29	.01	1.21	1.88	1.72	1.19	1.44	1.35	12.62
45	.49	.47	.54	.16	TRACE	.00	2.84	4.89	.18	1.72	.00	.24	11.53
46	2.20												2.20*
48	 TRACE	1.21*	.06	TRACE	.00	TRACE	3.29	.87	.90	.49	TRACE	1.27	8.09*
49	1.20	.10	.36	.47	TRACE	TRACE	.95	1.01	1.96	.09	.28	.75	7.17
50	.18	1.39	.09	TRACE	TRACE	.50	4.26	.75	.78	.14	TRACE	.24	8.33
51	1.01	.61	. 12	1.78	.04	.00	1.45	2.14	.81	2.32	1.76	.67	12.71
52	.57	.18	1.86	.93	TRACE	.39	1.47	2.63	.19	.00	2.10	.52	10.84
53	.06	.89	.79	.02	.01	.54	4.76	.29	.00	TRACE	.20	.16	7.72
54	.86	.38	1.46	.00	.32	.53	1.80	1.99	1.51	.07	.00	.07	8.99
55	1.57	.16	TRACE	TRACE	TRACE	.01	2.95	2.41	.02	.31	TRACE	TRACE	7.43
56	1.11	.88	.00	.24	TRACE	.02	1.68	1.22	TRACE	.26	TRACE	.26	5.67
57	2.85	.40	1.21	.09	.03	.24	1.01	2.47	.00	3.06	.84	.79	12.99
58	TRACE	1.18	2.32	.91	TRACE	.53	2.82	2.18	.96	.77	1.00	.00	12.67
59	.02	.23	TRACE	.01	.00	.19	3.45	2.34	TRACE	1.26	.81	2.68	10.99
60	2.02	.60	.30	.00	TRACE	TRACE	.95	1.18	.87	.78	.05	.55	7.30
61	1.19	.02	.48	TRACE	.00	.24	2.09	4.09	.30	.60	.54	2.26	11.81
62	1.31	.38	.29	TRACE	.00	TRACE	1.95	.57	2.35	.05	.45	.91	8.26
63	.92	1.19	.58	.35	TRACE	.02	1.18	2.51	1.16	.58	.96	.18	9.63
64	.38	.04	.64	.57	TRACE	.04	1.89	1.59	3.17	.74	.79	.94	10.79
65	.38	.47	.27	.37	.02	.11	1.88	2.08	.47	.18	.90	5.81	12.94
66	2.11	2.41	.16	.26	.03	. 15	1.80	1.22	3.29	1.06	.31	.22	13.02
67	TRACE	.11	.47	.49	.21	.43	2.23	1.41	1.40	1.14	.42	3.40	11.71
68	.50	1.16	1.56	.78	TRACE	TRACE	2.00	2.72	TRACE	.09	1.58	.38	10.77
69	.74	.41	.29	.17	.41	TRACE	1.22	1.44	.61	TRACE	1.29	.82	7.40
70	TRACE	.24	1.37	.06	.23	.43	2.21	2.13	2.83	.62	TRACE	.40	10.52
71	i .08	.47	TRACE	.44	TRACE	.01	1.24	3.17	1.12	1.26	.83	2.12	10.74
72	.00	.00	TRACE	.00	.35	1.15	1.71	1.54	.97	4.88	1.10	.73	12.43
73	.10	1.92	2.04	.02	.01	.60	2.65	.34	TRACE	.00	.98	.00	8.66
74	1.21	.02	.93	TRACE	.00	.25	1.78	.91	1,72	2.04	.81	.35	10.02
75	.46	.23	1.11	.28	TRACE	.00	2.14	.15	.77	.03	.30	.88	6.35
	İ									_	-		-

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801-8904

		ŁS	ST TO UT	C: +07					MONT	TH: ALL	HOURS:		
YEAR	MAL	FEB	MAR	AP R	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
76	.14	.87	.20	.72	.27	.26	1.82	.58	2.21	.46	.41	.76	8.70
77	2.20	.05	.69	.26	.02	.08	1.28	. 33	1.34	2.16	.41	1.42	10.24
78	3.00	2.10	1.33	.04	.89	.81	1.27	1.34	2.77	1.65	1.77	3.49	20.46
79	2.78	.45	.67	.10	.56	. 75	1.73	3.37	- 28	.21	.04	. 26	11.20
80	.91	3.24	1.52	.08	TRACE	.79	1.53	3.57	2.31	. 34	TRACE	.09	14.38
81	1.23	1.57	1.97	.54	.47	.80	3.90	.20	.64	.04	. 73	TRACE	12.09
82	1.79	. 16	1.24	.04	.77	.07	1.00	3.63	2.94	.00	1.10	1.08	13.82
83	1.72	1.43	2.00	. 15	. 05	.00	2.22	3.51	4.35	5.26	1.82	.81	23.32
84	.51	.00	.00	.47	.44	.77	6.18	3.52	1.67	.69	.58	3.63	18.46
85	1.89	.93	.18	.60	TRACE	.32	1.97	1.15	1.97	1.91	1.06	. 28	12.26
86	.85	1.42	1.59	TRACE	.30	.29	1.80	1.93	.73	.62	1.02	1.72	12.27
87	.63	2.14	. 75	1.31	1.08	. 14	. 23	1.55	1.17	.55	.82	2.00	12.37
88	.45	.58	.38	.92	TRACE	.57	2.63	3.79	.08	2.30	. 82	.02	12.54
89	1.27	.20	. 84	.00									2.31*
 				•••••	,							• • • • • • • • • • • • • • • • • • • •	
LEAST	.00	.00	.00	.00	.00	.00	. 23	. 15	.00	.00	.00	.00	5.67
GREATEST	3.00	3.24	2.32	1.78	1.08	1.15	6.18	4.89	4.35	5.26	2.10	5.81	23.32
MEAN	.94	.77	.79	.33	.17	.27	2.06	1.92	1.27	.93	.67	1.03	11.22
MEDIAN	.74	.47	.61	.17	.01	. 15	1.80	1.88	1.05	.57	.68	.74	11.10
SD	.830	.748	.695	.407	.271	.301	1,114	1.174	1.078	1.171	.575	1.193	3.419
TOTAL OBS !	1457	1278	1426	1380	1395	1350	1403	1413	1380	1426	1 38 0	1425	16713
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •			• • • • • • • • •				• • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • • •

THE GREATEST VALUE OF 6.18 OCCURRED ON 07/84

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801-8904

		L	ST TO UI	C: +07					MON	TH: ALL	HOURS:	: ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
41	.	• • • • • • •	• • • • • • •		• • • • • • •		.00*	.00*	.88	34	.60	.72	*88.
42	.34	1.01	.26	.64	.00	.00	.88	.72	1.04	. 15	TRACE	.15	1.04
43	.33	. 19	1.95	.05	.68	.02	.30	1.11	2.27	.17	.00	.50	2.27
44	.29	.42	.62	1.04	.29	.01	.96	.88	. 75	.39	.50	.62	1.04
45	.29	. 26	.21	.12	TRACE	.00	2.18	1.46	.18	.83	.00	.11	2.18
46	.97												.97*
48	TRACE	.55*	.05	TRACE	.00	TRACE	2.29	.66	.58	.30	TRACE	.39	2.29*
49	.47	.07	.23	.29	TRACE	TRACE	.64	.99	1.18	.05	.18	.57	1.18
50	.14	1.10	.07	TRACE	TRACE	.30	1.42	.71	.74	.10	TRACE	. 24	1.42
51	.45	.35	.08	.48	.04	.00	.52	.88	.36	1.89	.63	.21	1.89
52	j .52	. 18	.54	.38	TRACE	.33	.42	1,35	. 19	.00	1.07	.20	1.35
53	.06	.49	.37	.02	.01	.54	1.02	,13	.00	TRACE	. 19	.16	1.02
54	.52	.36	.62	.00	.20	.31	.71	1.03	.89	.07	.00	.05	1.03
55	.48	. 16	TRACE	TRACE	TRACE	.01	. 95	.66	.02	.31	TRACE	TRACE	.95
56	 .65	.33	.00	.20	TRACE	.01	.54	.68	TRACE	.24	TRACE	.26	.68
57	.70	.08	.51	.09	.02	.21	.50	1.08	.00	1.06	.58	.42	1.08
58	TRACE	.63	.87	.35	TRACE	.45	2.28	1.20	.38	.58	.87	.00	2.28
59	.02	.23	TRACE	.01	.00	.11	.88	.58	TRACE	.81	.54	.68	.88
60	1.08	.53	.18	.00	TRACE	TRACE	.48	.40	.50	.68	.05	.46	1.08
61	1 .85	.02	.39	TRACE	.00	.24	1.34	2.16	. 19	.33	.24	.88	2.16
62	.55	. 15	.10	TRACE	.00	TRACE	.68	.50	1.98	.05	.22	.42	1.98
63	.65	.60	.36	.35	TRACE	.02	.38	1.16	.67	.53	.47	.18	1.16
64	.29	.04	.22	.54	TRACE	.04	.69	.45	1.78	.35	.30	.62	1.78
65	.33	. 25	.12	.35	-02	.08	1.22	.73	. 18	. 18	.37	1.32	1.32
66	.64	1.33	.12	.21	.03	. 14	.85	.43	1.72	.77	. 28	.20	1.72
67	TRACE	.09	.25	.37	.19	.39	.45	.71	.57	94	.27	1.45	1.45
68	.26	.39	.77	.34	TRACE	TRACE	.44	1.41	TRACE	.07	1.25	.31	1.41
69	1 .37	.20	.16	.17	.26	TRACE	.42	.43	.35	TRACE	.39	.43	.43
70	TRACE	.21	.51	.06	.23	.29	.90	.78	1.69	.62	TRACE	.24	1.69
71	1 .07	. 19	TRACE	-44	TRACE	.01	.44	.9 0	.57	1.00	.49	.78	1.00
72	.00	.00	TRACE	.00	.21	.33	.88	.48	.69	1.70	.67	.44	1.70
73	.02	1.14	.56	.02	.01	.35	.75	.11	TRACE	.00	.65	.00	1.14
74	.66	.02	.41	TRACE	.00	.22	.75	.45	.64	.90	.68	.28	.90
75	.23	.19	.64	.14	TRACE	.00	-41	.43	.30	.02	.22	.67	.67
, ,	.23	,	.04	. 14	INACE	.00		.07	.50	.02	• • • •	.07	.07

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801-8904 LST TO UTC: +07 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL	
76	.14	.42	.20	35	.15	.18	.73	. 19	1.77	.25	. 15	.76	1.77	
77	.58	.04	.58	. 18	.02	.08	.55	.08	.83	.98	.25	.77	.98	
7 8	1.18	.51	.47	.04	.66	.45	.38	.29	2.53	1.27	.83	1.18	2.53	
7 9	.60	. 23	.30	.09	. 15	.43	.85	1.62	.17	.21	-04	. 14	1.62	
80	.33	1.02	.58	.04	TRACE	.65	.63	1.35	. 98	.25	TRACE	.08	1.35	
81	.62	1.16	.87	.22	.32	.52	1.00	.11	.34	.03	.63	TRACE	1.16	
82	.49	.06	.90	. 03	.52	.07	.44	.89	2.47	.00	-62	.60	2.47	
83 i	.86	.56	.54	.07	.05	.00	.67	1.05	1.27	3.01	.91	.33	3.01	
84	.40	.00	.00	.22	. 35	.67	.95	.57	1.37	.26	.37	1.03	1.37	
85	.77	.52	.12	.47	TRACE	.23	1.08	.40	1.18	.69	.58	. 14	1.18	
86	l j .85	.56	.75	TRACE	.22	.16	.72	1.08	.61	.36	.66	1.04	1.08	
87	.37	1.56	.40	.48	.60	.10	.08	.33	.42	.25	.81	.97	1.56	
88	.19	.37	.38	.54	TRACE	.21	.65	1.74	.05	1.13	.43	.02	1.74	
89	j .99	.20	.84	.00									.99*	

J										• • • • • • • •			
GREATEST	1.18	1.56	1.95	1.04	.68	.67	2.29	2.16	2.53	3.01	1.25	1.45	3.01
TOTAL OBS	1457	1278	1426	1380	1395	1350	1403	1413	1380	1426	1380	1425	1671 3

THE GREATEST VALUE OF 3.01 OCCURRED ON 10/01/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: +07 PERIOD OF RECORD: 4801-8904 MONTH: ALL HOURS: ALL

		LST	TO UTC:	+07					MONT	H: ALL	HOURS:	ALL	
AMOUNTS (NCHES)] JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	98.1	98.5	98.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	99.6	96.9	99.2
TRACE	1.2	.9	1.5	.6	.1						.3	2.5	.6
0.1-0.4	.1	.3										. 1	.0
0.5-1.4	.4	.2		.1								.3	.1
1.5-2.4	}		.2									, 1	.0
2.5-3.4	.2	. 1											.0
3.5-4.4	ļ												
4.5-6.4	i !											.1	.0
6.5-10.4	ļ										.1		.0
10.5-15.4	ļ												
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH		•••••		••••••	•••••			• • • • • • • • •	• • • • • • •			· • • • • • • •	
MEAS AMTS	.7	.6	.2	. 1							. 1	.6	.2
TOTAL NO. OF OBSERVATIONS		1165	1302	1260	1271	1230	1271	1271	1230	1271	1230	1271	15074

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 4801-8904 LST TO UTC: +07 MONTH: ALL HOURS: ALL

ANNUAL	DEC	NOV	ОСТ	SEP	AUG	JUL	JUN	MAY	APR	MAR	FEB	JAN	YEAR
.0*	.0	.0	.0	.0	0	0	.0	.0	.0	.0	.0*	.0	48
5.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	49
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	50
3.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	51
TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	0.	52
TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	0.	53
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54
TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	55
TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE	.0	56
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.	57
6.6	.0	6.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	58
TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1 .0	59
.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1 .4	60
TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	61
TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1 .0	62
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1 .0	63
4.1	.0	TRACE	.0	.0	.0	. 0	.0	.0	.0	4.1	.0	.0	64
1.3	TRACE	.0	.0	.0	.0	. 3	.0	.0	.0	.0	1.3	TRACE	65
3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	.0	66
.8	.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	.0	67
.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	0.	68
TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE	TRACE	0.	69
TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	0.	70
6.1	6.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	. 1	TRACE	71.
TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	72
TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE	73
TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE	74
TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0	0.	75
2.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.5	.0	.0	76
TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	0.	77
TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	0.	78
1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	79
TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0	80

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4801-8904

LST TO UTC: +07 MONTH: ALL HOURS: ALL

		(וט טז זצ.	C: +07					MONT	TH: ALL	HOURS:	ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
81 82 83 84 85	.0 TRACE .0 .0	.0 .0 .0 .0	.0 .0 TRACE .0	.0 .0 TRACE .0	.0 .0 .0 .0	.0 .0 .0 .0	.0 .0 .0	.0 .0 .0 .0	.0 .0 .0 .0	.0 .0 .0 .0	.0 .0 .0 .0	.0 TRACE .0 TRACE TRACE	.0 TRACE TRACE TRACE 1.0
86 87 88 89	.0 3.9 .0 .0	.3 TRACE .0 .0	.0 TRACE .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0	.0 .0 .0	.0 .0 .0	TRACE 2.7 TRACE	.3 6.6 TRACE .0*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	4.9	3.5	4.1	.5	TRACE	.0	.0	.0	.0	.0	6.6	6.0	6.6
MEAN	.3	.1	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.2	.3	1.1
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
SD	1.091	.594	.668	.077	.000	.000	.000	.000	.000	.000	1.031	1.023	2.016
TOTAL OBS	1302	1165	1302	1260	1271	1230	1271	1271	1230	1271	1230	1271	15074

THE GREATEST VALUE OF 6.6 OCCURRED ON 11/58

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 4801-8904

SIAITON N	IUMBER. 722		ST TO UT		13 MONTHA	IN A10 A2	•			H: ALL	HOURS:		
YEAR	, JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
48	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*
49	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.5
50	0.	.0	.0	. ၁	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
52	0.	٥.	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.c	.0	.0	.0	TRACE
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	0.	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	0.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	6.6	.0	6.6
59	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
60	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
62	0. [TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	0.	.0	2.2	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.2
65	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
66	0.	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1
67	0.	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.8	.8
68	0.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5
69	0.	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	0.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
72	0.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	TRACE	.0	TRACE	.0	.0	.0	.0	- 0	.0	.0	.0	.0	TRACE
74	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	0.	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
76	.0	.0	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.5
77	0.	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	0.	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
79	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
80	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
	1												

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4801-8904 LST TO UTC: +07 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0.
82	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
83	j .0	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
84	1 .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
85	0.	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
86	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
87	2.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.9
88	j .0	.0	.0	.0	.۵	.0	.0	.0	.0	.0	.0	TRACE	TRACE
89	.0	.0	.0	.0									.0*

GREATEST	2.9	3.1	2.2	.5	TRACE	.0	.0	.0	.0	.0	6.6	6.0	6.6
TOTAL OBS			1302								1230		15074

THE GREATEST VALUE OF

6.6 OCCURRED ON 11/16/58

NOTE *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER:	722745		ON NAME		MONTHAN	AFB AZ				O OF REC	CORD: 410 HOURS: A	17-4601,4 NLL	801-8904
AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.4	99.8
TRACE	.4	.2	.1									.4	.1
1	.3	.2										.1	.0
2			. 1										.0
3											.1	.1	.0
4-6			.1										.0
7-12													
13-24													
25 - 36													
37-48													
49-60													
61-120													
OVER 120				· · · · · · · · · · · · · · · ·									
DAYS WITH MEAS AMTS	.3	.2	.1								.1	.2	.1
TOTAL NO. OF OBSERVATIONS	1457	1278	1426	1380	1395	1350	1410	1426	1380	1426	1380	1426	16734

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: +07 STATION NUMBER: 722745

PERIOD OF RECORD: 4107-4601,4801-8904

	MONTH:	ALL	HOURS:	ALL
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		L	ST TO UTC	: +07					MONT	TH: ALL	HOURS	: ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
41	-1				• • • • • • • •	• • • • • • • •	0*	0	0	0	0	TRACE	TRACE*
42	TRACE	TRACE	0	0	0	0	0	0	Ō	ō	0	0	TRACE
43	0	0	Ō	Ō	ō	Õ	Õ	ŏ	Õ	Ö	Ö	0	0
44	i	0	0	0	0	Ō	Ö	0	0	Ō	Ō	o o	ō
45	0	0	0	0	0	0	0	0	Ö	0	0	Ō	Ö
46	0												0*
46	0	0*	0	0	0	0	0	0	0	0	0	0	0*
49	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	1	0	0	0	0	0	0	0	0	0	0	0	1
52	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54] 0	0	0	0	0	0	0	0	0	0	Û	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	, 0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58) 0	0	0	0	0	0	0	0	0	0	3	0	3
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	1 0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	O	0	0	0
62	1 0	0	0	0	0	0	0	0	0	0	0	0	0
63	j o	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	4	0	0	0	0	0	0	0	0	0	4
65	0	1	0	0	0	0	0	0	0	0	0	0	1
66	0	1	0	0	0	0	0	0	0	0	0	0	1
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68] 0	0	0	0	0	0	0	0	0	0	0	1	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	1 0	0	0	0	Đ	0	0	0	0	0	0	0	0
71	, 0	0	0	0	0	0	0	0	0	0	0	3	3
72	1 0	0	0	0	0	0	0	0	0	0	0	0	0
73	} 0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	υ	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
	•												

GREATEST

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801-8904

JAN 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0	FEB 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MAR 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	AUG 0 0 0 0 0 0	SEP 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OCT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	ANNUAL
0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 1 0 0 0 0 0
0 1 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 1 0 0 0 0 0
1 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	1 0 0 0 0 0
0 0 0 0 0 0 0 0 1	0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0
0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0	0 0 0 0	0 0 0
0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	0	0 0 0	0 0 0	0	0	0 0 0	0 0 0
0 0 0	0 0 0	0 0 0	0 0	0 0	0	0	0	0	0	0	0 0	0
0 0 1	0 0 0	0	0	0	0	0	0	Ō	0	0	0	0
0	0	0	0	0	0		_		_	_	•	
1	0	0				0	٥	٥	•	0	•	n
			0	•				U	Ų	U	0	v
•	Λ			0	0	0	0	0	0	0	3	3
0		0	0	0	0	0	0	0	0	0	0	0
0	0	0	0									0*

THE GREATEST VALUE OF 4 OCCURRED ON 03/03/64

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

1 1 4 0 0 0 0 0 0 3

TOTAL OBS | 1457 1278 1426 1380 1395 1350 1410 1426 1380 1426 1380 1426 16734

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 4107-4601,4801-8904 SNOW-YEAR: 1 AUG - 31 JUL

	 		• • • • • • • • • • • • • • • • • • • •			1 A00 31 30E
SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST Snowfall	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
48 - 49	JAN 15	JAN 15		JAN 26	JAN 25	
49 - 50	DEC 20	DEC 20		DEC 20	DEC 20	
50 - 51	JAN 01	JAN 01	JAN 01	JAN 17	JAN 12	JAN 12
51 - 52	DEC 07			MAR 11		
52 - 53	FEB 24			FEB 24		
54 - 55	JAN 19			FEB 18		
55 - 56	FEB 16			APR 02		
57 - 58	MAR 07			MAR 12		
58 - 59	NOV 16	NOV 16	NOV 17	NOV 16	NOV 16	NOV 17
59 - 60	DEC 13	JAN 02		JAN 16	JAN 02	
61 - 62	NOV 21			FEB 27		
62 - 63	DEC 25			DEC 25		
63 - 64	MAR 02	MAR 02	MAR 03	MAR 08	MAR 93	MAR 03
64 - 65	NOV 15	FEB 09	FEB 10	FEB 10	FEB 10	FEB 10
65 - 66	DEC 13	FEB 08	FEB 09	FEB 09	FEB 09	FEB 09
66 - 67	DEC 30			APR 12		
67 - 68	NOV 29	DEC 17		MAR 09	DEC 17	
68 - 69	DEC 20	DEC 20	DEC 21	MAY 05	DEC 21	DEC 21
69 - 70	DEC 28			MAR 10		
70 - 71	JAN 03	FEB 20		APR 18	FEB 20	
71 - 72	DEC 04	DEC 08	DEC 08	DEC 14	DEC 08	DEC 08
72 · 73	DEC 09			MAR 14		
73 - 74	JAN 02			MAR 09		
74 - 75	DEC 23			APR 07		
75 - 76	NOV 29	MAR 03	MAR 04	APR 16	APR 16	MAR 04
76 - 77	MAR 26			MAR 26		
77 - 78	APR 08			APR 08		
78 - 79	DEC 06	JAN 29	JAN 29	JAN 29	JAN 29	JAN 29
79 - 80	DEC 12			MAR 19		

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 4107-4601,4801-8904 SNOW-YEAR: 1 AUG - 31 JUL

81 · 82 82 · 83 84 · 85 85 · 86		EED 03		JAN 29 APR 13		
82 · 83 84 · 85	DEC 01	550 A3		APR 13		
	DEC 13	CCD 03				
85 - 86		FEB 03		FEB 04	FEB 03	
0, 00	DEC 11	FEB 07		FEB 07	FEB 07	
86 - 87	DEC 10	JAN 16	JAN 17	MAR 22	JAN 20	JAN 17
87 - 88	DEC 13	DEC 24	DEC 25	DEC 26	DEC 25	DEC 25
88 · 89	DEC 26			DEC 27		
EDIAN-DATE	DEC 20	JAN 15	JAN 17	MAR 03	JAN 22	JAN 17

PPPPP			AAA	RRRRI			222 2222	
PPPPP	PPPP	AAAA	AAAA	KKKRI	RRRRR	1111111111		
PP	PP	AA	AA	RR	RR	ττ	CC	CC
PP	PP	AA	AA	RR	RR	ΤT	CC	
PPPPP		AA	AA	RRRR	RRRRR	11	CC	
PPPPP	• •		AAAAA	RRRR	RRRR	ΤT	CC	
PP	, , ,		AAAAA	RR	RR	TT	CC	
PP		AA	AA	RR	RR	77	CC	CC
PP		AA	AA	RR	RR	ŢŢ	CCCC	CCCC
DD		ΔΔ	ΑΔ	RR	RR	TT	ccc	CCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RELUND AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS -- PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE
THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 150 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

80

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4801-5405,5601-8904

LST TO UTC: +07 MONTH: ALL HOURS: ALL YEAR | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN 48 | SSW*34 * WSW*33 W *42 SSW*32 SE 41 * * ESE*38 SW *35 NW *42 SSE*23 | WSW 41 SSL 32 SSW 36 W 31 WNW 33 SSW 33 WNW 35 E 36 S 37 S 35 SW *26 WSW 50 WSW*50 50 WSW 36 S 37 SW 45 SSW 32 WSW 40 SW 49 ENE 44 WSW 44 ENE 32 SSW 28 ESE 31 WSW 32 SW 49 | S 30 NNE 30 E 33 W 32 SW 44 NNW 31 SSE 40 S 47 SSE 43 SW 37 | ENE*24 ENE*36 S 43 SW 56 WNW 31 W 34 SSE 56 SW 41 NE 40 SW 29 N 43 W 42 52 SW *56 53 NU 31 W 45 NNU 36 SSW 42 WSW 30 ESE 35 SSW 46 W 35 WSW 23 ESE*41 NNW*43 NNW 49 NNW*49 SSW 30 NW 36 W 37 WSW 36 SW 42 54 SW *42 SW *36 SSW 28 WNW 36 SSW 38 SW 30 W 35 ESE 45 NW 44 SE 33 SW 28 ESE 35 ESE 28 ESE 35 NW 24 SW 32 NW 40 SE 35 NW 34 S 42 E 37 ENE 26 SW 45 ESE 29 ESE 33 56 ESE*45 57 SW 45 NE 30 W 32 SSW 31 S 33 SSE 45 NNW 60 E 41 ESE 49 ENE 40 SE 37 WNW 32 N 23 NNW 60 S 28 W SE 26 W 36 WSW 37 SE 31 S 35 SE 35 ESE 50 ESE 28 SSW 32 SE 32 ENE 29 W 35 59 ESE 50 60 34 NW 34 WSW 30 S 31 N 36 ENE 45 NE 35 N 46 WNW 33 ESE 31 WSW 29 61 ESE 33 NW 38 SW 31 WSW 37 SW 32 SE 48 SE 39 WSW 36 ESE 29 E 38 SE 38 SE 26 SE 48 ENE 41 W 30 NW 36 SW 35 SSW 33 SSW 41 NE 45 SE 38 NW 42 ESE 33 ESE 29 WSW 34 62 NE 45 W 30 SE 31 W 39 SW 32 ESE 26 SSW 36 S 37 ENE*29 SW *24 SW *23 W 31 ENE 27 W *39 63 E 26 NW 30 SW 38 S 44 SW 31 ENE 40 SE 40 ENE 35 W 32 SW 29 S 28 ESE 32 64 S 44 47 ENE 33 NE 39 ESE 37 ESE 47 N 45 S 36 E 49 SW 34 E 41 NW 26 u 32 W E 49 | E 31 ESE 36 SW 35 N 40 ESE 36 ENE 35 NNE 61 NE 52 E 40 W 28 SW 35 SSW 36 NNE 61 66 ESE 33 SSW 36 S 35 SSW 33 SW 40 SW 34 SE 49 NNE 46 ENE 38 ESE 31 ESE 34 S 37 67 SE 49 SE 35 ESE 32 SSW 32 E 38 WSW 40 WSW 38 11/ 46 16/ 45 10/ 33 28/ 29 11/ 45 26/ 38 68 13/ 27 21/ 40 22/ 36 23/ 29 19/ 30 16/ 38 06/ 53 06/ 62 10/ 36 21/ 33 05/ 40 29/ 33 69 06/ 62 70 30/ 29 12/ 46 21/ 35 22/ 39 05/ 43 17/ 45 15/ 46 05/ 32 12/ 35 26/ 36 20/ 31 24/ 30 14/ 58 24/ 37 20/ 50 30/ 36 22/ 33 18/ 37 06/ 42 14/ 58 13/ 47 14/ 42 20/ 36 10/ 23 19/ 42 72 29/31 29/31 33/41 23/30 07/36 24/48 15/45 23/44 20/37 19/30 33/36 31/32 24/ 48 73 03/ 48 21/ 35 21/ 36 27/ 31 10/ 34 10/ 38 21/ 35 03/ 48 15/ 37 16/ 29 29/ 26 31/ 33 12/ 32 74 20/ 36 33/ 35 20/ 30 27/ 36 24/ 36 14/ 51 13/ 50 13/*30 07/ 38 11/ 30 15/ 28 06/ 30 14/*51 07/ 29 29/ 33 25/ 33 27/ 34 13/ 42 25/ 30 10/ 67 19/ 39 20/ 40 16/ 29 19/ 43 27/ 31 10/ 67 12/ 31 12/ 37 22/ 38 30/ 33 19/ 38 19/ 40 07/ 41 13/ 46 16/ 44 13/ 38 11/ 33 14/ 27 13/ 46 13/ 31 23/ 33 31/ 38 28/ 38 20/ 29 16/ 48 05/ 43 14/ 34 13/ 30 20/ 30 24/ 30 13/ 33 16/ 48 78 32/ 33 19/ 34 21/ 34 21/ 30 20/ 37 11/*38 25/ 36 02/ 38 12/ 42 06/ 33 19/ 40 12/ 35 12/*42 79 $31/\ 29\ 13/\ 27\ 20/\ 30\ 26/\ 32\ 28/\ 31\ 24/\ 37\ 13/\ 48\ 06/\ 44\ 08/\ 45\ 27/\ 28\ 12/\ 27\ 12/\ 32$ 13/ 48

12/ 65

20/ 32 28/ 30 22/ 33 21/ 41 25/ 31 13/ 50 10/ 33 12/ 65 21/ 40 24/ 32 06/ 28 12/ 25

PEAK SURFACE WINDS IN KNOTS FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4801-5405,5601-8904 LST TO UTC: +07 MONTH: ALL HOURS: ALL

ANN	DEC	NOV	OCT	SEP	AUG	JUL	JUN	MAY	APR	MAR	FEB	JAN	YEAR
14/ 43	14/ 25	17/ 25	20/ 26	22/ 28	20/ 26	14/ 43	35/ 39	20/ 33	21/ 32	21/ 37	13/ 28	1 10/ 27	81
19/ 46		•					18/ 33			-			82
11/ 70	32/ 28	20/ 25	27/ 33	27/ 46	11/ 70	22/ 68	19/ 29	01/ 39	27/ 32	34/ 30	31/ 27	27/ 37	83
03/*50	28/ 29	12/ 29	25/ 37	12/ 30	13/ 39	03/50	20/ 37	11/ 47	23/*38	22/ 36	07/ 29	12/ 27	84
13/ 48	15/ 19	21/ 28	33/ 29	18/ 40	17/ 38	13/ 48	10/ 26	24/ 28	22/ 27	22/. 27	22/ 26	12/ 28	85
14/ 42	32/ 21	12/ 27	17/ 27	10/ 30	14/ 42	27/ 41	06/ 30	26/ 25	24/ 28	24/ 37	32/ 30	 11/29	86
12/ 30	12/ 30	20/ 34	14/ 26	07/ 35	06/ 35	11/ 38	12/ 39	15/ 38	10/ 37	11/ 36	12/ 33	10/27	87
17/ 44	06/ 30	27/ 35	29/ 30	21/ 29	17/ 44	04/ 42	16/ 40	21/ 34	26/ 37	11/ 28	21/ 30	20/ 32	88
28/*33									19/ 28	28/ 33	13/ 25	36/ 32	89

							• • • • • • •						
GREATEST	WSW 41	20/ 50	w 47	SW 56	11/ 47	NNW 60	22/ 68	11/ 70	N 46	E 49	19/ 46	wsw 50	11/ 70
TOTAL OBS		1113										1143	14102

THE PEAK WIND OF 70 ROM 11/ OCCURRED ON 08/07/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH \$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: +07

PERIOD OF RECORD: 4801-5405,5601-8904

MONTH: ALL HOURS: ALL

MONTH	CALM-4	5-9	10-14	15-19	WIND 20-24	SPEEDS 25-29	IN KNO 30-34	TS 35-39	40-49	50-64	GE 65	MEAN WIND		TOTAL OBS
JAN]	.4	12.7	36.5	24.1	14.6	7.2	3.2	1.1	.2	.0	.0	16.0	15.0	1223
FEB	.0	6.4	33.1	27.0	19.0	8.0	4.9	1.3	.4	.1	.0	17.5	16.0	1113
MAR	.1	4.1	22.5	32.4	21.8	10.8	5.8	2.1	.3	.0	.0	18.9	18.0	1265
APR (.0	1.8	15.4	30.4	27.6	15.7	6.6	2.0	.5	.1	.0	20.5	20.0	121
MAY [.0	.7	11.4	30.6	31.5	16.7	6.2	2.1	.7	.0	.0	21.1	21.0	1227
JUN	.0	.4	7.6	30.5	33.5	14.7	8.1	3.4	1.5	.3	.0	22.1	21.0	1162
ויר ן. ו	.0	.7	9.4	25.0	28.4	16.4	9.9	4.9	4.3	.9	.2	23.4	22.0	1176
AUG	.0	2.7	18.6	30.7	22.5	11.5	7.1	4.1	2.3	.3	.2	20.7	19.0	1161
SEP }	.0	3.1	25.6	30.0	21.5	11.1	5.1	2.1	1.5	.0	.0	19.0	18.0	1147
ост [.1	7.8	31.6	26.8	19.0	10.0	3.1	1.4	.3	.0	.0	17.3	16.0	1166
NOV]	.0	12.0	38.0	24.6	14.3	6.5	2.9	1.0	.7	.0	.0	16.0	14.5	1108
DEC	.3	17.0	36.9	21.3	12.9	7.5	2.5	1.0	.4	.1	.0	15.6	14.0	1143
ANNUAL	.1	5.7	23.7	27.9	22.3	11.4	5.5	2.2	1.1	.1	.0	19.0	18.0	14102

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	: JAN	HOUR	s: 00-0	2	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	j .3	.1	.1	• • • • • •	• • • • • •	•••••		•••••	• • • • • • •		• • • • • • •	.5	5.0	3.0
020-040	.3	. 1	.1									.5	5.2	4.0
050-070	1.3	.4	.2	.3								2.3	6.3	4.0
(E) 080-100	3.1	2.8	.4	.1								6.5	5.1	5.0
110-130	19.1	9.8	2.3	.4	,1							31.7	4.8	4.0
140-160	25.7	6.5	.8	. 1								33.0	3.7	3.0
(S) 170-190	3.1	.4	.1									3.7	3.1	2.0
200-220	1.1	.5	.1									1.7	4.2	3.0
230-250	.8	.5										1.3	3.8	3.5
(W) 260-280	1.3	.2										1.5	3.0	3.0
290-310	.6	.6	.3									1.6	5.5	5.0
320-340	.3	.5	.1									1.0	5.6	6.0
VARIABLE	 													
CALM	1//////////////////////////////////////	//////	///////	///////	111111	1111111	//////	///////	1111111	111111	///////	14.7	/////	111111
TOTALS	57.0	22.4	4.5	.9	. 1							100.0	3.7	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JAN HOURS: 03-05

		LS	T TO UT	C: + 7					MONTH	: JAN	HOUR	s: 03-05	•	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1 .1	.1	• • • • • •			• • • • • • •		• • • • • • •	• • • • • • •		• • • • • • •	.2	4.0	4.0
020-040	.2	.2	.1	.1								.6	7.5	5.5
050-070	1.2	.8	.4	.1								2.5	6.0	5.0
(E) 080-100	3.5	3.0	.4	.1								7.1	5.3	4.5
110-130	19.5	11.0	2.2									32.6	4.7	4.0
140-160	21.1	7.3	.6	.1								29.1	3.8	4.0
(S) 170-190	4.1	1.3	.5									5.9	4.3	3.0
200-220	1.3	.1	.1									1.5	3.5	2.0
230-250	.9											.9	2.9	2.5
(W) 260-280	1.0	.4	.1									1.5	4.4	4.0
290-310	8.	.3										1.1	3.6	3.0
320-340	.1	.1	.1									.3	6.0	5.0
VARIABLE	 	•••••	•••••		•••••	• • • • • • • •	•••••	· • • • • • • •		• • • • • • •		• • • • • • •	• • • • • •	
CALM	///////	//////	//////	//////	/////	////////	//////	'//////	1111111	1111111	//////	16.7	/////	11/1//
TOTALS	53.8	24.6	4.5	.4								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTON VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: JAN HOURS: 06-08

		LS	TO UT	C: + 7					MONTH	: JAN	HOUR	s: 06-0	8	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	.2	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	.9	3.1	2.5
020-040	.2											.2	2.5	2.5
050-070	1.1	.3	.6									2.0	5.6	4.0
(E) 080-100	2.9	2.9	.5									6.3	4.9	5.0
110-130	13.4	11.5	2.0	.5								27.5	5.2	5.0
140-160	18.9	11.5	.5	.4								31.4	4.3	4.0
(S) 170-190	5.6	1.8	.1	.2								7.7	3.9	3.0
200-220	1.1	.4	. 1									1.6	3.7	2.0
230-250	1.0	.2										1.2	3.1	3.0
(W) 260-280	.5	.2										.8	3.4	3.0
290-310	.6	.1	.1	.1								1.0	5.3	3.0
320-340	.3	.2	.1									.6	5.5	5.0
VARIABLE	! 			• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		•••••	• • • • • •	•••••
CALM	///////	//////	///////	///////	111111	///////	//////	///////	(//////	//////	///////	18.7	/////	//////
TOTALS	46.2	29.3	4.0	1.2								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JAN HOURS: 09-11

		LJ		· ,					MONTH	. JAN	nouk.	3. 09-1	,	
DIRECTION	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GF 65	TOTAL	MEAN	MEDIAN
(DEGREES)	İ						200.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		01 00	%	WIND	WIND
(N) 350·010	1.0	.1	• • • • • •	•••••	•••••	•••••	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •	1.1	2.6	2.0
020-040	1.2	.1		.1								1.4	3.8	3.0
050-070	2.5	.8	.3	.1								3.7	4.7	4.0
(E) 080-100	2.6	2.5	.6	.1								5.8	5.5	5.0
110-130	10.3	9.2	4.2	1.3	.1	.1						25.3	6.5	6.0
140-160	12.2	9.9	1.3	.1	.1							23.5	4.8	4.0
(S) 170-190	5.1	2.2	.2									7.4	3.7	3.0
200-220	2.8	1.0	1.0									4.7	5.4	4.0
230-250	1.3	.3	.3									1.9	4.5	2.5
(W) 260-280	1.7	.3										2.0	2.9	2.0
290-310	1.8	.4									•	2.3	3.1	3.0
320-340	2.3	.2										2.5	2.7	3.0
VARIABLE	ı 		• • • • • •		• • • • • •		• • • • • •		· · · · · · · · ·					•••••
	 											10 /		
CALM	<i> </i> 					1111111	//////	'1111111	1111111	1111111	11111111		111111	111111
TOTALS	44.8	27.0	7.9	1.7	.2	.1						100.0	4.2	4.0
			_											

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	ז זט טז	C: + 7						: JAN	HOUR	s: 12-14	•	•
DIRECTION		5.0	10.1/	15 - 10	WIND S	PEED IN 25-29	KNOTS			50.44	CE 4E	TOTAL	MEAN	MEDIAN
(DEGREES)		J- y	10-14	13-19	20-24	23-27	30-34	33-39	40-49	30-04	GE GJ	%	WIND	MIND
(N) 350-010	4.4	1.0		• • • • • •		•••••					•••••	5.4	3.2	3.0
020-040	2.6	.5	.1									3.2	3.3	3.0
050-070	2.8	1.4	.8	.1								5.1	5.4	4.0
(E) 080-100	3.2	1.5	.4									5.2	4.7	4.0
110-130	3.4	4.0	4.8	1.3	.6							14.2	9.1	9.0
140-160	2.0	1.4	.9	.2								4.5	6.3	5.5
(S) 170-190	2.3	1.4	.8	.3								4.7	6.1	5.0
200-220	1.9	1.2	1.9	.4	.3	.2						6.0	8.9	8.5
230-250	1.8	1.1	.6	.3								3.9	6.3	5.0
(W) 260-280	4.4	2.7	.6									7.7	4.9	4.0
290-310	6.6	4.1	.6									11.3	4.6	4.0
320-340	6.9	3.8	.3									11.0	4.0	4.0
VARIABLE	: !	• • • • • •			•••••		• • • • • • •		•••••	•••••		• • • • • •	• • • • •	
CALM	11111111	/////	1111111	1111111	111111	///////	111111	1111111	///////	1111111	'''''	17.8	/////	111111
TOTALS	42.3	24.1	11.8	2.6	.9	.2						100.0	4.8	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JAN HOURS: 15-17

	• • • • • • • •	•••••	• • • • • •	• • • • • •	WIND S	PEED IN	 KNOTS			• • • • • • •	• • • • •		• • • •		• • • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE	65 T	OTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	1.9	.1	•••••	• • • • • •	•••••	• • • • • •	•••••	•••••		• • • • •		4.6	4.0	3.0
020-040	1.5	.9											2.4	4.0	3.5
050-070	1.8	3.0	1.8	.2									6.9	7.3	7.0
(E) 080-100	1.5	2.0	1.0	.1									4.6	6.6	6.0
110-130	1.9	3.1	2.8	.6	.1								8.6	8.5	8.0
140-160	.4	.3	.1	.1									1.0	6.1	5.0
(S) 170-190	.3	.4	.5										1.3	8.2	9.0
200-220	.5	2.0	3.0	.6	.5								6.8	10.7	10.0
230-250	1.2	1.2	1.3	.1									3.8	7.7	8.0
(W) 260-280	2.5	3.2	.3										6.0	5.2	5.0
290-310	8.2	11.1	2.7	.1								22	.0	6.0	6.0
320-340	8.9	10.6	1.4									2	1.0	5.2	5.0
VARIABLE	 			•••••	•••••	• • • • • • • •	•••••		•••••		• • • • •			• • • • • •	• • • • • • • • • • • • • • • • • • • •
CALM	///////	//////	//////	///////	//////	///////	//////	///////	///////	//////	/////	/// 1	1.1	/////	/////
TOTALS	31.3	39.7	15.0	1.8	ه.							10	0.0	5.7	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JAN HOURS: 18-20

EST TO UTC: + 7 MONTH: JAN HOURS: 18-2

		• • • • • •	• • • • • •		WIND S	SPEED IN	KNOTS	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	.1			•••••	• • • • • • •	• • • • • •			•••••	• • • • • • • •	1.5	2.6	2.0
020-040	1.5	.3										1.8	3.2	3.0
050-070	3.1	3.4	.5									7.1	5.4	5.0
(E) 080-100	4.1	3.2	.3									7.6	4.8	4.0
110-130	3.7	2.5	1.0	.3								7.4	5.8	5.0
140-160	3.2	.2										3.4	2.8	2.0
(S) 170-190	1.5	.3	.3	.4								2.6	6.6	4.0
200-220	2.2	.5	.4	.4								3.5	5.9	3.0
230-250	1.0	1.7	.4									3.1	6.1	6.0
(W) 260-280	3.2	1.3	.8									5.3	4.6	4.0
290-310	12.6	6.0	1.1	.1								19.8	4.3	4.0
320-340	9.1	2.4	.1	.1								11.7	3.7	3.0
VARIABLE	! !		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••		• • • • • • •				• • • • • • • • •		• • • • • •	•••••
CALM	1111111	//////	//////	//////	//////	1111111	//////	///////	//////	//////	///////	25.1	/////	111111
TOTALS	46.6	21.9	4.9	1.3								100.0	3.5	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JAN HOURS: 21-23

		LS	, 10 01	U: + /					MUNIT	1: JAN	HOUN	(5: 21-2	•	
•••••		• • • • • •		•••••	WIND S	PEED IN	KNOTS		• • • • • • •	• • • • • •		• • • • • • • •		
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	.1		•••••	•••••	•••••			• • • • • •		· • • • • • • •	.3	3.7	4.0
020-040	.2	.1	.2									.5	6.8	9.0
050-070	1.1	.6	.4									2.2	5.4	4.5
(E) 080-100	3.3	2.8	.2									6.3	4.7	4.0
110-130	16.6	7.5	1.2	.2	.2							25.7	4.6	4.0
140-160	19.6	2.8	.2									22.6	3.2	3.0
(S) 170-190	7.4	.8	.1									8.3	2.8	2.0
200-220	3.5	1.0	.2									4.7	3.6	2.0
230-250	1.7	.3	.4									2.5	4.5	3.0
(W) 260-280	1.2	.8	.2	.1								2.3	5.4	4.0
290-310	2.2	.8	.4	.1								3.4	5.0	3.5
320-340	.4	.2	.1									.8	5.3	4.0
VARIABLE	: 	• • • • • •	•••••	• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			• • • • • •	
CALM	11111111	//////	//////	///////	//////	///////	//////	(()())	1111111	(//////	//////	20.4	/////	//////
TOTALS	57.4	17.8	3.6	.4	.2							100.0	3.2	3.0
								070						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFR AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7 MONTH: JAN HOURS: ALL

***********		• • • • • •	• • • • • •	• • • • • • •	WIND SE	EED IN	KNOTS	• • • • • •	•••••	• • • • • •	• • • • • • • •	• • • • • • •		•••••
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)			•••••	•••••	•••••	•••••		• • • • • •	•••••	•••••		%	WIND	WIND
(N) 350-010	1.3	.5	.0	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	•••••	•••••	•••••	1.8	3.4	3.0
020-040	1.0	.3	.1	.0								1.3	4.0	3.0
050-070	1.9	1.3	.6	.1								4.0	5.9	5.0
(E) 080-100	3.0	2.6	.5	.1								6.2	5.2	5.0
110-130	11.0	7.3	2.6	.6	.1	.0						21.6	5.6	4.0
140-160	12.9	5.0	,6	.1	.0							18.6	4.0	4.0
(S) 170-190	3.7	1.1	.3	.1								5.2	4.2	3.0
200-220	1.8	.8	.9	.2	.1	.0						3.8	6.8	5.0
230-250	1.2	.7	.4	.1								2.3	5.6	4.0
(W) 260-280	2.0	1.1	.3	.0								3.4	4.6	4.0
290-310	4.2	2.9	.7	.1								7.8	5.0	4.0
320-340	3.5	2.3	.3	.0								6.1	4.5	4.0
	! :						• • • • • •		• • • • • • •					
VARIABLE	{ 													
CALM	///////	(/////	//////	1/////	///////	//////	///////	'//////	///////	///////	///////	17.9	//////	111111
TOTALS	47.5	25.9	7.3	1.4	.2							100.0	4.1	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7

MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

						PEED IN						• • • • • • •		
DIRECTION	1-4	5-9	10-14	15-19	20-24	25 - 29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.3	3.3		•••••		•••••		•••••		• • • • • •	•••••	6.7	5.0	5.0
020-040	; 	3.3										3.3	6.0	6.0
050-070] 													
(E) 080-100	6.7											6.7	1.5	1.5
110-130) 													
140-160	3.3											3.3	4.0	4.0
(S) 170-190	ļ													
200-220	3.3											3.3	2.0	2.0
230-250	! 													
(W) 260-280	3.3											3.3	2.0	2.0
290-310	10.0	3.3	3.3									16.7	6.8	4.0
320-340		3.3		3.3								6.7	10.0	10.0
VARIABLE	: ļ	• • • • • •	•••••		•••••				• • • • • •	•••••				
CALM	1//////	(/////	1111111	1111111	///////	1111111	111111	///////	111111	111111	1111111	50.0	//////	111111
TOTALS	29.9	13.2	3.3	3.3								100.0	2.7	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	: FEB	HOUR	s: 00-02	2	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2		• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •			• • • • • • • •	.2	2.0	2.0
020-040	.2	.4	.1									.7	5.8	5.5
050-070	1.1	1,1	.1									2.2	5.4	5.0
(E) 080-100	3.2	2.5	.2									5.9	4.6	4.0
110-130	20.5	9.0	1.2	. 1								30.7	4.3	4.0
140-160	24.4	5.5	.5									30.4	3.6	4.0
(S) 170-190	6.7	.6										7.3	3.0	2.0
200-220	3.1	.9	.8									4.8	4.9	3.0
230-250	1.6	.4	.1									2.1	3.9	4.0
(W) 260-280	.9	.6										1.5	3.8	4.0
290-310	.5	.8	.2									1.5	6.3	6.0
320-340	.5	.4										.8	4.1	4.0
VARIABLE			•••••	•••••	•••••		•••••				• • • • • • • •		• • • • • •	•••••
CALM	1//////	'/////	1111111	///////	//////	///////	'//////	'//////	(//////	//////	///////	11.7	/////	111111
TOTALS	62.9	22.2	3.2	.1								100.0	3.6	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	זט סז ז	C: + 7					MONTH	: FEB	HOUR	s: 03-05	5	
DIRECTION (DEGREES)	•	5-9	10-14			PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	, .1	• • • • • •		•••••			• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	.1	2.0	2.0
020-040	.1	.4	.1									.6	7.6	8.0
050-070	.8	.4	.2									1.4	5.3	4.0
(E) 080-100	2.7	2.0	.2									4.9	4.5	4.0
110-130	22.4	12.5	2.0	.2								37.1	4.6	4.0
140-160	23.8	8.0	.6									32.4	3.9	4.0
(S) 170-190	4.4	.7										5.1	3.1	3.0
200-220	1.8	1.2	.8									3.8	5.7	5.0
230-250	.6	.1										.7	2.8	2.5
(W) 260-280	.5	.1										.6	3.4	4.0
290-310	.2	.5	.1	.1								.9	7.3	6.5
320-340	.6	.2										.8	3.7	4.0
VARIABLE		• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •		· • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••
CALM	1111111	//////	//////	//////	//////	(1/1///	//////	(//////	///////	///////	1111111	11.5	/////	11111
TOTALS	58.0	26.1	4.0	.3								100.0	3.8	4.0
			7.0	STAL MIN	IDED OF	OBCERV	TIONS	940						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST

06-08

10 UTC: + 7	MONTH: FEB	HOURS: (

		• • • • • •	• • • • • • •	• • • • • •	WIND S	SPEED IN	KNOTS	• • • • • •			•••••			• • • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15 - 19	20-24	25-29	30.34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MED I AN
(N) 350-010	.4	• • • • • •		•••••				•••••		•••••	• • • • • • •	.4	2.3	2.0
020-040	.5		.1									.6	4.0	3.0
050-070	1.4	.4	.1									1.9	4.0	3.5
(E) 080-100	2.6	1.9										4.5	4.5	4.0
110-130	17.2	13.9	2.7	.1								33.9	5.2	4.0
140-160	19.2	12.4	1.2									32.7	4.6	4.0
(S) 170-190	4.5	1.6	.4									6.5	4.1	4.0
200-220	1.3	.6	.4									2.2	5.4	3.0
230-250	.8	.7										1.5	4.2	4.0
(W) 260-280	.9											.9	2.9	3.0
290-310	1.1		.1									1.2	2.8	2.0
320-340	.5											.5	2.5	2.5
VARIABLE	! 	• • • • • •			• • • • • •		• • • • • • •	• • • • • • •	· · · · · · · · ·			•••••	. .	
CALM	 ///////	//////	1111111	1111111	//////	///////	//////	///////	1111111	1111111	///////	13.2	//////	111111
TOTALS	50.4	31.5	5.0	.1								100.0	4.1	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: 09-11

		LS	וטטוו	L: + /					MONTH	: FEB	HOUR	5: 09-1	1	
	• • • • • • •		• • • • • • •	• • • • • •	WIND S	PEED IN	KNOTS	•••••			• • • • • • •		• • • • • •	• • • • • • •
DIRECTION (DEGREES)		5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9		• • • • • • •				•••••	•••••	•••••	• • • • • •	•••••	.9	2.9	2.5
020-040	1.4	.1	.4									1.9	3.6	2.0
050-070	2.4	1.3	.5									4.1	4.6	4.0
(E) 080-100	3.9	1.5	.2		.4							6.0	5.1	4.0
110-130	8.1	7.7	6.1	1.5	.1							23.6	7.3	6.0
140 - 160	11.1	8.0	2.0									21.1	4.9	4.0
(S) 170-190	5.8	1.9	1.2									8.8	4.6	4.0
200-220	2.7	.6	.7									4.0	5.1	4.0
230-250	1.6	.7	.1									2.5	3.7	3.0
(W) 260-280	1.5	1.3	.4									3.2	5.2	5.0
290-310	2.1	.9	.4									3.4	4.7	4.0
320-340	2.0	.4										2.4	3.2	3.0
VARIABLE	: !		•••••		•••••		• • • • • • •	• • • • • • •		• • • • • •	· · · · · · · ·	• • • • • •	• • • • • •	• • • • • • •
CALM	1111111	//////	//////	//////	111111	///////	///////	///////	1111111	///////	((()())	18.1	/////	/////
TOTALS	43.5	24.4	12.0	1.5	.5							100.0	4.5	4.0
				T 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				0.0						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	: FEB	HOURS	s: 12-1	4	
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	4.0	.8	• • • • • •		•••••	•••••	•••••	•••••	• • • • • • •	•••••		4.8	3.3	3.0
020-040	2.9	.6										3.5	3.3	3.5
050-070	1.4	.8	.7	.5	. 1							3.5	7.7	7.5
(E) 080-100	1.6	1.4	1.3		.4							4.7	7.4	6.0
110-130	1.6	3.5	2.9	.8	.2							9.2	9.0	8.0
140-160	3.4	2.2	1.2									6.8	5.6	4.5
(S) 170-190	1.8	1.2	.7	.1								3.8	5.8	5.0
200-220	1.9	2.4	1.8	.4								6.4	7.4	7.0
230-250	3.2	1.6	1.1									5.9	5.2	4.0
(W) 260-280	4.2	4.0	1.1	.1								9.4	5.4	5.0
290-310	5.3	5.8	1.9	.4								13.3	5.8	5.0
320-340	5.9	5.7	.5	.5								12.5	5.3	5.0
VARIABLE	1	• • • • • •	•••••		•••••	• • • • • • •				•••••		• • • • • • • •	• • • • • •	•••••
CALM	1111111	//////	//////	//////	1111111	1111111	//////	1111111	///////	//////	///////	16.1	//////	111111
TOTALS	37.2	3 0.0	13.2	2.8	.7							100.0	5.1	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

LST TO UTC: + 7

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: 15-17

	• • • • • • •	• • • • • •	• • • • • •	•••••		SPEED IN					•••••	•••••		
DIRECTION (DEGREES)	1-4 	5-9	10-14	15 - 19	20-24	25 - 29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	2.2	•••••	• • • • • •	• • • • • •	• • • • • • •		•••••			• • • • • • •	5.2	4.3	4.0
020-040	2.4	1.5	.1									4.0	4.4	4.0
050-070	1.4	1.8	1.4	.6								5.2	7.8	7.0
(E) 080-100	.9	2.1	.2									3.3	5.9	6.0
110-130	1.2	1.8	.6	.2								3.8	7.0	6.0
140-160	.6	1.1	.2									1.9	6.6	6.0
(S) 170-190	1.3	.8	.4									2.5	5.3	4.0
200-220	.7	1.5	1.4	.9								4.6	9.6	10.0
230-250	.9	2.0	1.5	.2								4.7	7.9	8.0
(W) 260-280	2.7	4.6	1.2	.1								8.6	6.1	6.0
290-310	6.2	13.1	5.7	.4								25.3	6.9	7.0
320-340	7.4	11.3	3.5	.4								22.6	6.4	6.0
VARIABLE	: !		• • • • • • •	••••••	• • • • • •		• • • • • •	• • • • • • •		• • • • • •		•••••		
CALM	//////	//////	//////	//////	//////	///////	//////	///////	///////	1111111	///////	8.4	/////	111111
TOTALS	28.6	43.8	16.2	2.8								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	: FEB	HOUR	s: 18-20	כ	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.2	.6	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		•••••		2.8	3.1	3.0
020-040	8.	.4	.1									1.3	4.1	4.0
050-070	2.7	2.1	1.2	.1								6.1	6.2	6.0
(E) 080-100	1.8	1.8	.2									3.8	5.3	5.0
110-130	2.1	۰,9	.5	.1								3.7	5.0	4.0
140-160	2.4	.1	.2									2.7	3.6	3.0
(S) 170-190	1.1	.5		.1								1.6	5.0	3.5
200-220	.4	1.2	.5	.2								2.2	8.3	8.0
230-250	2.5	1.3	.4	.1								4.2	4.4	3.0
(W) 260-280	4-7	3.2	.6									8.5	4.7	4.0
290-310	15.2	11.2	1.8									28.2	4.7	4.^
320-340	10.4	6.6	.9	.1								18.0	4.7	4.0
VARIABLE	<i>!</i> • • • • • • • • • • • • • • • • • • •												• • • • • •	•••••
CALM	11/1///	//////	///////	///////	//////	///////	//////	11/1///	1111111	1/////	'//////	16.8	//////	/////
TOTALS	46.3	29.9	6.4	.7								100.0	4.0	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: FEB HOURS: 21-23

	· · · · · · · · ·								• • • • • •					
DIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9								•••••	• • • • • • •		.9	2.3	2.5
020-040	.8	.2										1.1	3.8	4.0
050-070	1.1	.6	.5									2.1	6.2	4.5
(E) 080-100	2.6	2.2	.6									5.4	5.5	5.0
110-130	12.2	4.7	.2									17.2	3.9	4.0
140-160	19.8	3.4										23.2	3.1	3.0
(S) 170-190	8.7	.7	.1									9.5	2.9	3.0
200-220	5.2	.6	.6									6.4	3.5	2.0
230-250	2.9		.1	.1								3.2	3.0	2.0
(W) 260-280	3.1	1.2										4.2	3.2	3.0
290-310	4.0	1.4	.7									6.1	4.2	3.0
320-340	1.4	.2	. 1									1.8	3.5	2.0
VARIABLE	! 			•••••	*****				•••••	• • • • • • •	• • • • • • •			
CALM	///////	//////	//////	//////	/////	(111111	111111	///////	//////	//////	///////	18.8	/////	7/////
TOTALS	62.7	15.2	2.9	.1								100.0	2.9	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVISMONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7 MONTH: FEB HOURS: ALL

••••••	• • • • • • •	•••••		• • • • • •		PEED IN		• • • • • •				• • • • • •	• • • • • •	• • • • • • •
DIRECTION	1-4	5-9	10-14	15 · 19	20-24	25 - 29	30-34	35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	MIND	MIND
(N) 350-010	1.5	.5	• • • • • • •	•••••		•••••						1.9	3.5	3.0
020-040	1.1	.4	. 1									1.7	4.1	4.0
050-070	1.5	1.0	.6	.1	.0							3.3	6.2	5.0
(E) 080-100	2.4	1.9	.4		.1							4.8	5.3	4.0
110-130	10.7	6.7	2.0	.4	.0							19.9	5.3	4.0
140-160	13.1	5.1	.7									18.9	4.1	4.0
(S) 170-190	4.3	1.0	.3	.0								5.6	3.9	3.0
200-220	2.1	1.1	.9	.2								4.3	6.1	5.0
230-250	1.8	.9	.4	.1								3.1	4.9	4.0
(W) 260-280	2.3	1.9	.4	.0								4.6	5.0	4.0
290-310	4.3	4.2	1.4	.1								10.0	5.6	5.0
3 20-340	3.6	3.1	.6	. 1								7.4	5.3	5.0
VARIABLE	 • • • • • • • • 				· · · · · · · ·					• • • • • • •			• • • • • •	
CALM	///////	(/////	11/1/1/	1111111	///////	(111111	//////	//////	11/1///	//////	(1/1/1/	14.3	/////	//////
TOTALS	48.7	27.8	7.8	1.0	.1							100.0	4.2	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STAT!ON NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: ALL

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CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION	1 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	: 	• • • • • •							•••••			_%	WIND	WIND
(N) 350-010	6.7	3.3		• • • • • • •	• • • • •		• • • • • •		• • • • • •			10.0	2.7	1.0
020-040	† 													
050-070	<u> </u>													
(E) 080-100	6.7											6.7	3.0	3.0
110-130	! !													
140-160	3.3											3.3	2.0	2.0
(S) 170-190	10.0											10.0	3.0	3.0
200-220	<u> </u>													
230-250	6.7											6.7	2.0	2.0
(W) 260-280	3.3	3.3		3.3								10.0	8.7	8.0
290 · 310	6.7	6.7										13.3	4.5	4.5
320-340	 													
VARIABLE	ļ 			· • • • • • • •	•••••	. .								
						,,,,,,				, , , , , , ,		/O O		
CALM	<i> </i> 	'//////	111/11	'1111111	/////	((()())	'/////	'//////	'//////	'//////	11111111	40.0	111111	(11111/
TOTALS	43.4	13.3		3.3								100.0	2.4	2.5

TOTAL NUMBER OF OBSERVATIONS 30

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: MAR HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3		•••••	• • • • • •	• • • • • •		•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	.3	2.0	2.0
020-040	.5											.5	3.2	3.0
050-070	1.0	.1	.2									1.3	4.1	3.0
(E) 080-100	2.0	1.3	.1									3.4	4.3	4.0
110-130	17.5	6.6	.6	.2	.1							25.1	4.1	4.0
140-160	23.8	5.2										28.9	3.4	3.0
(S) 170-190	10.9	2.3										13.1	3.3	3.0
200-220	4.2	1.6	.5									6.3	4.3	3.0
230-250	1.7	.2	.2	.1								2.3	5.0	4.0
(W) 260-280	1.0	.9	.3									2.2	5.5	5.0
290-310	.9	1.2	.9									2.9	6.5	6.0
320-340	.9	.4	.2									1.5	4.7	4.0
VARIABLE	}				•••••	• • • • • • •		• • • • • • •		• • • • • • •	• • • • • • •	•••••		•••••
CALM	////////	//////	///////	///////	//////	(//////	1111111	(//////	(//////	///////	///////	12.2	/////	111111
TOTALS	64.7	19.8	3.0	.3	.1							100.0	3.4	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS: 03-05

				••						• • • • • • • • • • • • • • • • • • • •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•	
DIRECTION (DEGREES)		5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.3			• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •						.3	2.0	2.0
020-040	.1		.1									.2	7.0	7.0
050-070	.8	.3										1.1	3.9	4.0
(E) 080-100	3.9	1.6	.1									5.6	4.0	3.5
110-130	20.8	8.5	.3	.5	.1							30.2	4.2	4.0
140-160	24.6	9.8		.1								34.5	3.9	4.0
(S) 170-190	4.4	1.5	.1									6.0	3.5	3.0
200-220	2.0	1.2	.3									3.5	4.7	4.0
230-250	1.1	1.0	.3									2.4	5.7	5.0
(W) 260-280	.9	1.1	.2									2.2	5.4	5.0
290-310	1.0	1.1	.3									2.4	5.5	5.5
320-340	.9 	.2	.1	.1								1.3	5.0	3.0
VARIABLE		• • • • • •		• • • • • • •	•••••	•••••	• • • • • •	• • • • • • •	••••	•••••	• • • • • • •		• • • • • •	•••••
CALM	1111111	//////	//////	1111111	//////	1111111	//////	(111111	//////	//////	1111111	10.3	/////	//////
TOTALS	60.8	26.3	1.8	.7	.1							100.0	3.7	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

STATION NUMBER	. /20/42		T TO UT		413 HOR	IINAN AF	5 AL			: MAR	HOUR	S: 06-08		17
DIRECTION (DEGREES)	•			15-19	WIND S 20-24		KNOTS 30-34	35 - 39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		• • • • • •			• • • • • •		• • • • • •	• • • • • •	•••••		• • • • • • •	8	2.6	3.0
020-040	.2		.1									.3	5.0	3.0
050-070	.4	.2										.6	3.0	2.5
(E) 080-100	2.6	.5										3.1	3.7	4.0
110-130	12.5	11.1	1.4	.1	.2							25.3	5.0	5.0
140-160	21.2	17.4	.6									39.2	4.6	4.0
(S) 170-190	5.7	1.8	.3									7.8	4.1	4.0
200-220	i 1.0	1.0	1.2	.1								3.2	7.6	7.0
230-250	1.1	1.0	.3									2.4	5.6	5.5
(W) 260-280	l J .6	.8	.2									1.6	5.3	6.0
290-310	1.5	.4	.2									2.2	4.8	4.0
320-340	.4	.2										.6	4.5	4.0
VARIABLE	! !	• • • • • •					•••••				· • · · · · · ·	•••••		• • • • • •
CALM	(///////	'/////	///////	1111111	//////	///////	111111	11/////	///////	//////	(1)1111	12.8	/////	111111
TOTALS	 48.0	34.4	4.3	.2	.2							100.0	4.1	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS: 09-11

				•••					1101111	· · ·	HOOK	3. 07 1	,	
DIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3		• • • • • • •	•••••	• • • • • •					• • • • • • •		1.3	2.3	2.0
020-040	1.2	1.0										2.2	3.6	3.0
050-070	1.5	1.4										2.9	4.7	4.0
(E) 080-100	2.7	.9	.2									3.8	4.0	3.0
110-130	6.8	3.8	2.8	.4	.3	.2						14.3	6.5	5.0
140-160	8.3	6.8	1.3	.1								16.5	5.0	4.0
(S) 170-190	6.9	3.5	.4	.1								11.0	4.5	4.0
200-220	2.8	2.5	1.5	.2								7.0	6.5	6.0
230-250	3.0	1.7	.6	.1								5.5	5.3	4.0
(W) 260-280	3.3	3.3	.8	.2								7.6	5.6	6.0
290-310	2.3	2.3	.5	.1								5.2	5 .3	5.0
320-340	2.3	1.5	.4									4.2	5.1	4.0
VARIABLE	·······	• • • • • •				• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • •	• • • • • • •
CALM	1111111	//////	///////	1111111	111111	(//////	//////	((((()	(//////	(//////	////////	18.7	/////	//////
TOTALS	42.4	28.7	8.5	1.2	.3	.2						100.0	4.3	4.0
			**	.TA: 19:16		OBCEDVA	TIONS	070						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	זט סז ד	C: + 7			- /			: MAR	HOUR	s: 12-1	4	•
DIRECTION (DEGREES)		5-9	10-14	15-19	WIND S	SPEED IN 25-29	KNOTS			50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	3.4	1.6	1				• • • • • • •					 5.2	 3.5	3.0
020-040	1.9	.4										2.4	3.7	3.0
050-070	1.4	.8	.1									2.3	4.3	4.0
(E) 080-100	1.4	.5	.2	.1								2.3	5.1	4.0
110-130	1.7	1.8	1.2	.3	.2							5.3	7.5	7.0
140-160	2.3	1.9	.9	.1								5.2	6.1	6.0
(S) 170-190	1.9	1.7	.4									4.1	5.6	5.0
200-220	 1.9	2.0	1.9	1.1	.2	.1						7.3	9.3	8.0
230-250	2.5	3.9	1.9	.9	.2							9.4	7.9	7.0
(w) 260-280	5.3	6.5	4.0	.3								16.0	6.7	6.0
290-310	6.0	8.8	3.2	.3								18.4	6.5	6.0
320-340	6.3	4.6	1.0	.2								12.2	5.1	4.0
VARIABLE	{ 									· • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
CALM	1///////	//////	111111	1111111	//////	1111111	///////	1111111	111111	//////	///////	10.2	/////	111111
TOTALS	36.0	34.5	14.9	3.3	.6	.1						100.0	5.7	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS: 15-17

		1.5	1 10 01	L: + /					MUNIH	: MAK	HOUR	S: 15-11	,	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35 - 39	40-49	50-64	GE 65	101AL %	MEAN WIND	MEDIAN WIND
(N) 350·010	2.3	1.4	.1	•••••		•••••		• • • • • •	• • • • • • •	•••••		3.8	4.0	4.0
020-040	1.2	.2	.2	.1								1.7	4.8	4.0
050-070	.9	.5	.9									2.3	6.6	6.0
(E) 080-100	.8	.6	.1	.1								1.6	5.3	5.0
110-130	.6	.6	.8	.3								2.4	8.1	7.5
140-160	.5	8.										1.3	5.6	5.5
(S) 170-190	1.0	1.0	.2	.1								2.3	5.9	5.0
200-220	1.0	1.7	1.8	.5	٠,							5.9	10.4	10.0
230-250	1.7	3.7	3.7	.9	.3							10.2	9.1	9.0
(W) 260-280	4.4	8.0	5.7	.8	.1							18.9	7.8	8.0
290-310	5.3	11.7	5.9	.5								23.4	7.4	7.5
320-340	5.4	11.1	4.0	.3								20.8	6.9	7.0
VARIABLE	! !	• • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • •							• • • • • • •		
CALM	1111111	//////	//////	//////	//////	///////	//////	///////	1111111	//////	//////	5.5	/////	/////
TOTALS	25.1	41.3	23.4	3.6	1.3							100.0	7.0	7.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	זט סז ד	C: + 7					MONTH	: MAR	HOURS	s: 18-2	0	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.5	4	• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •		• • • • • • • •	2.9	3.0	2.0
020-040	1.0											1.0	2.2	2.0
050-070	1.0	1.2	.3									2.5	5.9	5.0
(E) 080-100	.9	1.2	.1									2.2	5.3	5.0
110-130	8.	1.0	.3	.2								2.3	6.6	5.0
140-160	.5	.5										1.1	5.2	4.5
(S) 170-190	.5	.5	. 1									1.2	4.7	5.0
200-220	1.7	2.0	1.8	.8								6.3	8.1	7.0
230-250	2.5	3.9	1.4	.3								8.1	6.8	7.0
(W) 260-280	5.7	4.6	1.7									12.0	5.4	5.0
290-310	12.4	14.9	4.7	.2								32.3	5.8	5.0
320-340	8.0	8.9	1.8									18.7	5.6	5.0
VARIABLE	1	•••••			•••••		•••••			••••				•••••
CALM	1111111	//////	1111111	///////	//////	///////	//////	'//////	'//////	111111	1111111	9.6	//////	111111
TOTALS	37.5	39.1	12.2	1.5								100.0	5.3	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7 MONTH: MAR HOURS: 21-23

DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL		MEDIAN
(DEGREES)	ŧ.											%	WIND	WIND
(N) 350-010	.5	.2	•••••	•••••		• • • • • • •	•••••	• • • • • •		• • • • • • •		.8	3.0	2.0
020-040	1.0	. 1										1.1	2.5	2.0
050-070	8.	.4	.1									1.3	5.1	4.0
(E) 080-100	2.3	.9	.2	.1								3.4	4.6	4.0
110-130	6.3	1.2	.2	.3								8.1	4.3	3.0
140-160	13.5	1.4										14.9	3.1	3.0
(S) 170-190	8.3	2.6	.2									11.1	3.7	3.0
200-220	8.6	2.8	.6									12.0	3.9	3.0
230-250	4.2	1.7	.3									6.2	4.0	3 .0
(W) 260-280	6.8	2.2	.5									9.5	3.7	3.0
290-310	5.1	2.0	.9									8.0	4.8	4.0
320-340	1.3	.2	.1									1.6	3.7	3.0
VARIABLE	!	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••		• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • •	•••••		
CALM	1//////	//////	1111111	///////	//////	///////	//////	(1111111	11/1///	(111111	((((((22.0	/////	111111
TOTALS	58.7	15.7	3.1	.4								100.0	3.0	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

•		LS	T TO UT	C: + 7					MONTH	: MAR	HOUR	S: ALL	-	
DIRECTION	1 1-4	5-9	10-14	15-19	20-24	PEED IN 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)								• • • • • • •	•••••	• • • • • •	• • • • • • •	%	WIND	WIND
(N) 350-010	1.4	.5	.0		•••••			• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	1.9	3.3	3.0
020-040	.9	.2	,1	.0								1.2	3.7	3.0
050-070	1.0	.6	.2									1.8	5.0	4.0
(E) 080-100	2.1	.9	.1	.0								3.2	4.4	4.0
110-130	8.4	4.3	1.0	.3	.1	.0						14.1	4.9	4.0
140-160	11.8	5.5	.3	.0								17.7	4.1	4.0
(S) 170-190	4.9	1.9	.2	.0								7.1	4.0	4.0
200-220	2.9	1.9	1.2	.3	.1	.0						6.5	6.6	5.0
230-250	2.2	2.1	1.1	.3	.1							5.8	6.8	6.0
(W) 260-280	3.5	3.4	1.7	.2	.0							8.7	6.2	6.0
290 - 310	4.3	5.3	2.1	.1								11.8	6.2	6.0
320-340	3.2	3.4	1.0	.1								7.6	5.8	5.0
VARIABLE					• • • • • • •		• • • • • • •		•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • •	
CALM	1111111	//////	//////	//////	//////	///////	//////	1111111	//////	///////	1111111	12.7	/////	111111
TOTALS	46.6	30.0	9.0	1.3	.3							100.0	4.6	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 6	55	TOTAL	MEAN	MEDIAN
(DEGREES)		• • • • • •	• • • • • •		• • • • • •	• • • • • • •		•••••	•••••			• • • •	%	WIND	WIND
(N) 350-010		• • • • • •	• • • • • •	• • • • • •	•••••		• • • • • • •	•••••				• • • •			• • • • • •
020-040															
050-070															
(E) 080-100															
110-130															
140-160	ļ														
(S) 170-190	! 														
200-220															
230-250	 														
(W) 260-280	10.0	10.0	10.0										30.0	6.7	6.0
290-310	 	10.0	10.0	10.0									30.0	11.7	12.0
320-340	10.0	20.0	10.0										40.0	6.5	6.5
VARIABLE	; ; ;								•••••	•••••	• • • • •		••••	• • • • • •	• • • • • • •
CALM	1//////	//////	//////	//////	//////	'//////	//////	///////	//////	1/////	/////	///	.0	/////	111111
TOTALS	20.0	40.0	30.0	10.0								1	00.0	8.1	8.0

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	זט טז ז	C: + 7					MONTH	: APR	HOUR	s: 00-0	2	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	• • • • • •			•••••		• • • • • • •	•••••	• • • • • • •	•••••	•••••	.2	2.0	2.0
020-040	.2											••	2.0	2.0
050-070	8.	.2	.2									1.2	4.5	3.0
(E) 080-100	2.3	1.6	.2									4.1	5.0	4.0
110-130	20.2	7.8	1.6	.2								29.8	4.4	4.0
140-160	23.7	7.2	.9									31.8	3.8	4.0
(S) 170-190	8.3	1.1	. 1									9.6	3.3	3.0
200-220	4.2	1.2	.1									5.6	3.8	4.0
230-250	1.3	.4										1.8	3.8	3.0
(W) 260-280	1.8	.9	.2									2.9	5.0	4.0
290-310	1.1	.4	.3									1.9	4.7	4.0
320-340	<u> </u>		.2									.2	12.0	12.0
VARIABLE	ł 				•••••		•••••							
CALM	///////	//////	1111111	///////	//////	///////	111111	///////	///////	111111	////////	10.8	/////	//////
TOTALS	64.1	20.8	3.8	.2								100.0	3.7	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: APR HOURS: 03-05

			. 10 01						HONTH	. AFR	noon	3. 05.05	'	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.1							· · • • • • • •	•••••			.1	2.0	2.0
020-040	.3											.3	3.3	4.0
050-070	.7	. 1										.8	3.1	3.0
(E) 080-100	4.0	2.0	.1									6.1	4.6	4.0
110-130	23.8	11.0	1.3	.3								36.4	4.5	4.0
140-160	22.3	9.9	.7									32.9	4.0	4.0
(S) 170-190	3.6	1.0										4.6	3.5	3.0
200-220	1.4	.6	.1									2.1	4.0	4.0
230-250	.6	.6	.2									1.3	5.3	5.0
(W) 260-280	_4	.9										1.3	5.9	6.5
290-310	.4	.4	.3									1.2	6.3	7.0
320-340	.2	.1	.3									.7	7.5	8.5
VARIABLE	 								• • • • • • •			• • • • • • • •		
CALM	1//////	(1/////	//////	///////	/////	///////	//////	///////	1111111	1/////	1/////	12.1	/////	777177
TOTALS	57.8	26.6	3.0	.3								100.0	3.8	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED

FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	: APR	HOUR	s: 06-08	3	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010		• • • • • •		• • • • • • •	• • • • • •		• • • • • • •	•••••	•••••		• • • • • • •	•••••		• • • • • • •
020-040	.2											.2	2.5	2.5
050-070	.6	.6	.1									1.2	5.0	5.0
(E) 080-100	2.7	2.4	.4									5.6	5.0	5.0
110-130	12.7	12.1	.6	.4								25.8	4.9	5.0
140 - 160	22.7	16.9	1.0	.2								40.8	4.6	4.0
(S) 170-190	4.2	3.0	.1									7.3	4.5	4.0
200-220	1.8	.7	.1									2.6	4.2	3.0
230-250	.7	.6	.2									1.4	5.4	5.0
(W) 260-280	.6	.3	.1									1.0	5.4	4,0
290-310	.7	.9										1.6	5.0	5.0
320-340	l .7	.1	.2									1.0	5.4	4.0
VARIABLE	! !		· · · · · ·		•••••	• • • • • • •	•••••				• • • • • • •			• • • • • • •
CALM	! ///////	//////	1111111	1111111	//////	////////	111111	1111111	'//////	111111	((())	11.6	/////	111111
TOTALS	47.6	37.6	2.8	.6								100.0	4.2	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7 MONTH: APR HOURS: 09-11

	• • • • • • • •		• • • • • •	• • • • • • •	WIND S	SPEED IN	KNOTS	• • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • •		• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.6	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •		•••••		•••••		1.6	2.6	2.5
020-040	1.9	.6										2.4	3.1	2.5
050-070	1.7	1.0	.7	.3								3.7	6.3	5.0
(E) 080-100	4.3	1.7	.6	.1								6.7	4.6	4.0
110-130	5.3	2.6	2.2	1.2								11.3	6.9	5.0
140-160	7.8	4.0	.9	.2								12.9	4.6	4.0
(S) 170-190	6.9	3.7	1.4	.3								12.3	5.2	4.0
200-220	3.4	3.7	2.0	.7								9.8	6.9	7.0
230-250	3.2	2.2	.9	.1	.1							6.6	5.6	5.0
(W) 260-28	2.2	1.4	.7									4.3	5.4	4.0
290-310	3.6	1.3	.1									5.0	4.0	4.0
320-340	2.1	1.8	.1									4.0	4.3	3.5
VARIABLE	 			• • • • • •	•••••		• • • • • •			• • • • • • •			• • • • • •	
CALM	//////	//////	1111111	1111111	//////	///////	//////	///////	111111	111111	1111111	19.4	/////	7/////
TOTALS	44.0	24.0	9.6	2.9	.1							100.0	4.3	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: APR HOURS: 12-14

	LS	T TO UT	C: + 7					MONTH	: APR	HOUF	RS: 12-14	٠	
1·4 	5-9	10-14	15-19				35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
2.4	2.0	• • • • • • •				• • • • • • •				• • • • • •	4.4	4.5	4.0
1.7	1.6	.1									3.3	4.7	4.5
2.2	.7	.3	.1								3.3	5.0	4.0
1.0	1.3	.8	.2								3.3	7.4	6.5
1.6	1.8	1.6	.8								5.7	8.4	7.0
1.3	1.2	.4	.2								3.2	6.3	5.0
1.6	2.3	1.6	.2								5.7	7.5	7.0
2.2	4.8	3.1	1.2	.6							11.9	9.0	8.0
3.2	6.3	4.0	.3	.2							14.1	7.6	7.0
4.2	7.2	3.1	.1								14.7	6.6	6.0
4.8	6.1	2.1									13.0	6.0	5.0
4.3	3.9	.7									8.9	5.1	5.0
} <u> </u>	• • • • • •	• • • • • •	••••	• • • • • •	• • • • • • •		•••••	• • • • • • •	••••	•••••	• • • • • • • • •	• • • • • •	• • • • • • •
1//////	//////	//////	//////	//////	///////	//////	//////	//////	//////	//////	/ 8.4	/////	//////
30.5	39.2	17.8	3.1	.8							100.0	6.2	6.0
	2.4 1.7 2.2 1.0 1.6 1.3 1.6 2.2 3.2 4.2 4.8 4.3	1.4 5.9 2.4 2.0 1.7 1.6 2.2 .7 1.0 1.3 1.6 1.8 1.3 1.2 1.6 2.3 2.2 4.8 3.2 6.3 4.2 7.2 4.8 6.1 4.3 3.9	1-4	2.4 2.0 1.7 1.6 .1 2.2 .7 .3 .1 1.0 1.3 .8 .2 1.6 1.8 1.6 .8 1.3 1.2 .4 .2 1.6 2.3 1.6 .2 2.2 4.8 3.1 1.2 3.2 6.3 4.0 .3 4.2 7.2 3.1 .1 4.8 6.1 2.1 4.3 3.9 .7	1-4 5-9 10-14 15-19 20-24	WIND SPEED IN 20-24 25-29 2.4	1-4 5-9 10-14 15-19 20-24 25-29 30-34 2.4 2.0 1.7 1.6 .1 2.2 .7 .3 .1 1.0 1.3 .8 .2 1.6 1.8 1.6 .8 1.3 1.2 .4 .2 1.6 2.3 1.6 .2 2.2 4.8 3.1 1.2 .6 3.2 6.3 4.0 .3 .2 4.2 7.2 3.1 .1 4.8 6.1 2.1 4.3 3.9 .7	WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 2.4 2.0 1.7 1.6 .1 2.2 .7 .3 .1 1.0 1.3 .8 .2 1.6 1.8 1.6 .8 1.3 1.2 .4 .2 1.6 2.3 1.6 .2 2.2 4.8 3.1 1.2 .6 3.2 6.3 4.0 .3 .2 4.2 7.2 3.1 .1 4.8 6.1 2.1 4.3 3.9 .7	WIND SPEED IN KNOTS 1-4	WIND SPEED IN KNOTS 1-4	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 2.4 2.0 1.7 1.6 .1 2.2 .7 .3 .1 1.0 1.3 .8 .2 1.6 1.8 1.6 .8 1.3 1.2 .4 .2 1.6 2.3 1.6 .2 2.2 4.8 3.1 1.2 .6 3.2 6.3 4.0 .3 .2 4.2 7.2 3.1 .1 4.8 6.1 2.1 4.3 3.9 .7	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL %	1.4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN WIND 2.4 2.0 4.4 4.5 1.7 1.6 .1 3.3 5.0 1.0 1.3 .8 .2 3.3 7.4 1.6 1.8 1.6 .8 5.7 8.4 1.3 1.2 .4 .2 3.2 6.3 1.6 2.3 1.6 .2 5.7 7.5 2.2 4.8 3.1 1.2 .6 11.9 9.0 3.2 6.3 4.0 .3 .2 14.1 7.6 4.8 6.1 2.1 13.0 6.0 4.4 4.5 4.5 TOTAL MEAN WIND 4.6 4.5

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

100.0 7.6 8.0

		LS	TO UT	C: + 7					MONTH	: APR	HOUR	S: 15-17	7	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.8	1.2			• • • • • •		• • • • • •		• • • • • • •			4.1	3.8	3.0
020-040	1.7	.9										2.6	3.9	4.0
050-070	.6	1.8	.8									3.1	7.2	6.5
(E) 080-100	.6	1.0	.2	. 1								1.9	6.6	6.0
110-130	.2	.3	1.4	.4								2.4	11.0	11.0
140-160	.6	.6	.6	.2	.1							2.0	8.4	7.5
(S) 170-190	.4	1.3	1.3	.1								3.2	9.0	9.0
200-220	1.1	2.8	4.8	1.8	.2	.1	.1					10.9	10.7	10.0
230-250	1.4	5.9	6.1	.8	.2							14.5	9.1	9.0
(W) 260-280	3.3	9.3	4.6	.3	.1		.1					17.8	7.8	8.0
290-310	5.2	11.5	5.1	.1								21.9	7.1	7.0
320-340	2.9	6.8	2.1	.1								11.9	6.7	6.0
VAR I ABLE CALM	 											3.7		

TOTAL NUMBER OF OBSERVATIONS 899

TOTALS 20.8 43.4 27.1 3.9 .6 .1 .2

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: APR HOURS: 18-20

		LJ	1 10 01	C					HOMIN	. AFK	nook	3. 10-20	,	
•••••	• • • • • • • •		• • • • • •		WIND S	PEED IN	KNOTS		•••••	•••••			• • • • • •	• • • • • • •
DIRECTION (DEGREES)	1 -4	5-9	10-14	15 - 19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.2	.6	.4			• • • • • • •			•••••	•••••		2.2	4.8	4.0
020-040	1.2	.8	.2									2.2	4.8	3.5
050-070	.7	1.2	.7									2.6	6.7	6.0
(E) 080-100	2.3	1.8	.4									4.6	5.4	4.0
110-130	.6	.8	1.2	.2								2.8	8.8	10.0
140-160	1.1	.7	.2	.1								1.1	8.4	8.0
(\$) 170-190	.6	1.3	.4	.1								2.5	7.2	8.0
200-220	1.3	3.0	1.7	.3								6.4	7.6	8.0
230-250	4.3	6.4	3.0	.6	.1							14.4	6.9	6.0
(W) 260-280	4.2	9.5	2.0	.1								15.8	6.2	6.0
290-310	9.4	9.9	2.7	.7								22.6	5.9	5.0
320-340	5.0	10.0	2.3	. 1								17.5	6.3	6.0
VARIABLE		• • • • • •								• • • • • •		• • • • • • •		•••••
VARIABLE	}													
CALM	1111111	//////	1111111	//////	11/1//	'//////	///////	///////	///////	//////	///////	5.4	/////	111111
TOTALS	30.9	46.0	15.2	2.2	.1							100.0	6.1	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

LST

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

ST TO UTC: + 7 MONTH: AP	PR HOURS: 21-23
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						PEED IN								
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4				•••••	•••••						.4	3.0	3.0
020-040	.4	.3										.8	3.7	3.0
050-070	1.7	.6		.1								2.3	4.2	3.0
(E) 080-100	2.0	1.3	.3	.1	.2							4.0	6.1	4.5
110-130	5.4	3.0	1.0	.2	.1							9.7	5.3	4.0
140-160	11.1	1.7	.1	.2								13.2	3.6	3.0
(S) 170-190	7.6	1.2	.2			.1						9.1	3.5	3.0
200-220	6.1	1.8	.1									8.0	3.5	3.0
230-250	6.6	1.8	.7									9.0	3.9	3.0
(W) 260-280	7.6	3.8	.4									11.8	4.1	4.0
290-310	6.7	3.3	.1									10.1	4.0	4.0
320-340	1.8	.6	.1									2.5	4.0	3.0
VARIABLE	 		•••••		• • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	• • • • • • •			•••••
CALM	///////	/////	//////	//////	//////	//////	//////	//////	//////	(/////	(//////	19.0	/////	//////
TOTALS	57.4	19.4	3.0	.6	.3	.1						100.0	3.3	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: APR HOURS: ALL

•••••						PEED IN					•••••		• • • • • •	•••••
DIRECTION	1-4	5-9	10-14	15-19	20-24	25 - 2 9	30-34	35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES))	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	*	WIND	WIND
(N) 350-010	1.1	.5	.1	• • • • • • •	•••••	•••••		•••••	•••••	• • • • • • •	• • • • • • •	1.6	4.0	3.0
020-040	1.0	.5	.0									1.5	4.0	4.0
050-070	1.1	.8	.3	.1								2.3	5.7	5.0
(E) 080-100	2.4	1.6	.4	.1	.0							4.5	5.3	4.0
110-130	8.7	4.9	1.4	.5	.0							15.5	5.3	4.0
140-160	11.2	5.3	.6	.2	.0							17.2	4.3	4.0
(S) 170-190	4.1	1.9	.7	.1		.0						6.8	4.9	4.0
200-220	2.7	2.3	1.5	.5	.1	.0	.0					7.1	7.1	6.0
230-250	2.7	3.0	1.9	.2	.1							7.9	6.8	6.0
(W) 260-280	3.0	4.2	1.4	.1	.0		.0					8.7	6.2	6.0
290-310	4.0	4.2	1.3	.1								9.7	5.8	5.0
320-340	2.1	2.9	.8	.0								5.8	5.9	6.0
VARIABLE	: 						• • • • • •			• • • • • • •	• • • • • • • •	• • • • • •		• • • • • • • • • • • • • • • • • • • •
CALM	11111111	//////	//////	///////	//////	1111111	//////	///////	///////	(1/1/1/	////////	11.3	/////	111111
TOTALS	l 44.1	32.1	10.4	1.9	.2							100.0	4.9	5.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: APR HOURS: ALL CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS). AND/OR VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET. WIND SPEED IN KNOTS DIRECTION | 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL MEAN MEDIAN (DEGREES) | % WIND WIND (N) 350-010 020-040 050-070 (E) 080-100 110-130 140-160 (S) 170-190 200-220 230-250 (W) 260-280 290-310 320-340 VARIABLE CALM TOTALS .0

TOTAL NUMBER OF OBSERVATIONS

. . . .

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	: MAY	HOURS	s: 00-02	2	
DIRECTION (DEGREES)		5-9	10-14	15-19	WIND S	SPEED IN 25-29	KNOTS			50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	.1		• • • • • •		•••••	• • • • • • •	•••••	• • • • • • •		•••••	.4	3.3	2.5
020-040	.3	.1	.1	.1								.6	6.2	4.5
050-070	1.1	.1										1.2	3.4	4.0
(E) 080-100	2.5	1.3	.3									4.1	4.8	4.0
110-130	16.2	3.5	.4									20.2	3.6	3.5
140-160	27.0	3.4	.2									30.6	3.2	3.0
(S) 170-190	9.9	2.2	.1									12.2	3.4	3.0
200-220	5.5	1.1	.1									6.7	3.1	2.0
230-250	2.5	.5										3.0	3.1	3.0
(W) 260-280	2.8	.6										3.4	3.1	3.0
290-310	1.1	.4	.2									1.7	4.4	2.0
320-340	8.	.4										1.2	4.4	4.0
VARIABLE	 				• • • • • •		•••••			••••	• • • • • • •	• • • • • • •	• • • • • •	•••••
CALM	11111111	//////	//////	1111111	//////	///////	1111111	///////	///////	//////	'//////	14.6	/////	111111
TOTALS	70.0	13.7	1.4	.1								100.0	3.0	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIPECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: MAY HOURS: 03-05

ST TO UTC: + 7	
----------------	--

			• • • • • • •	• • • • • •	WIND S	PEED IN	KNOTS	• • • • • • •	• • • • • •			••••			
DIRECTION (DEGREES)		5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE	65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010			.1	• • • • • •					• • • • • •			••••	.1	10.0	10.0
020-040	.2	. 1											.3	4.0	4.0
050-070	.4	.1											.5	3.4	2.0
(E) 080-100	4.7	1.8	.2	.1									6.9	4.2	4.0
110-130	22.6	7.2	.2	.1									30.1	3.8	4.0
140 - 160	30.9	7.4	.3										38.6	3.6	4.0
(S) 170-190	4.0	.4											4.4	3.0	3.0
200-220	1.6	.5											2.2	3.7	3.5
230-250	1.1	. 1	.1										1.3	3.3	3.0
(W) 260-280	1.7												1.7	2.8	3.0
290-310	.4	.9	.1										1.4	5.1	5.0
320-340	.1		.1										.2	7.5	7.5
VARIABLE	1 		•••••		••••			•••••	• • • • • •	•••••	••••		• • • • • •	• • • • • •	•••••
CALM	////////	/////	//////	//////	//////	///////	//////	///////	111111	//////	/////	///	12.3	/////	11/1//
TOTALS	67.7	18.5	1.1	.2									100.0	3.3	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-ONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: MAY HOURS: 06-08

		LS	T TO UT	C: + 7					MONTH	: MAY	HOUR	s: 06-08	3	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN UNIW
(N) 350-010	.2	• • • • • •		• • • • • •	•••••		•••••		• • • • • • •	•••••	• • • • • • •	.2	2.0	2.0
020-040	.5											.5	2.6	2.0
050-070	8.	.3	.2									1.3	5.1	4.0
(E) 080·100	2.2	1.3	.2									3.7	4.8	4.0
110-130	15.2	9.7	1.0	.1								25.9	4.6	4.0
140-160	21.6	16.8	.6									39.0	4.5	4.0
(\$) 170-190	8.3	3.4										11.7	3.7	4.0
200-220	2.5	.5	.3									3.3	4.0	4.0
230-250	.8											.8	2.4	2.0
(W) 260-280	.4	.6	.1									1.2	5.1	5.0
290-310	.6	.8	.2									1.6	6.1	6.0
320-340	.2	.5	. 1									.9	5.8	6.0
VARIABLE	! 	• • • • • •		• • • • • •		• • • • • • •	• • • • • • •	• • • • • •		• • • • • • •				•••••
CALM	1111111	////////	//////	//////	1/////	///////	//////	(111111)	(//////	//////	///////	9.9	/////	/////
TOTALS	53.3	33.9	2.7	.1								100.0	4.0	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAY HOURS: 09-11

		LS	וט טו	C: + /					MONTH	: MAY	HOUR	5: 09-1	I	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		PEED IN 25-29		35-39	1,u-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	.6	.1		•••••			• • • • • •	•••••	••••	•••••	3.0	3.3	2.5
020-040	2.7	.3										3.0	2.9	2.0
050-070	2.8	.6	.2									3.7	3.6	2.0
(E) 080·100	3.2	1.2	.2									4.6	4.0	4.0
110-130	4.7	3.5	2.7	1.2	.1							12.3	7.3	6.0
140-160	5.7	2.7	.8									9.1	4.4	4.0
(S) 170-190	 4.9	4.3	1.0									10.2	5.3	5.0
200-220	5.2	5.5	1.9	.3								12.9	6.0	6.0
230-250	3.3	2.9	.3	.1								6.7	4.9	4.5
(W) 260-280	3.2	2.6										5.8	4.3	4.0
290-310	3.5	3.3	.2									7.1	4.6	4.5
320-340	3.3	1.9	.2									5.5	4.3	4.0
VARIABLE	 !		• • • • • •		•••••	•••••		• • • • • •	• • • • • •		• • • • • •	•••••		•••••
CALM	///////	//////	//////	//////	111111	1111111	111111	(111111)	111111	1111111	1111111	16.1	/////	7/1///
TOTALS	44.8	29.4	7.6	1.6	.1							100.0	4.2	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89 MONTH: MAY HOURS: 12-14

			, 10 01	C. + /					PICHE I II		nook	3: 12-11	•	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35 - 39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
	1 • • • • • • • • •													
(N) 350-010	2.3	1.0	.2									3.4	4.5	4.0
020-040	1.3	.6	.2									2.2	4.8	4.0
050-070	1.7	1.2	.8	.1								3.8	5.7	5.0
(E) 080-100	1.5	.8	.9									3.1	6.0	5.0
110-130	1.7	1.2	1.4	.2								4.5	7.1	6.0
140-160	1.5	1.8	.8									4.1	6.2	6.5
(S) 170-190	1.8	1.9	1.9	.1								5.8	7.1	7.0
200-220	3.0	5.7	4.5	1.4	.1							14.7	8.7	8.0
230-250	4.1	7.4	2.7	.6								14.8	7.1	7.0
'W) 260-280	3.4	7.5	1.4	.1								12.5	6.3	6.0
290-310	5.6	7.0	1.7									14.3	6.0	6.0
320-340	2.9	6.5	1.0	.1								10.4	6.0	6.0
VARIABLE	: 	• • • • • •			•••••		•••••	• • • • • • •					• • • • • •	•••••
CALM	1111111	(/////	///////	11/1///	//////	///////	//////	(//////	'//////	//////	///////	6.3	/////	'''''
TOTALS	30.8	42.6	17.5	2.6	.1							100.0	6.2	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89

MONTH: MAY	HOURS:	15-17

• • • • • • • • • • • • • • • •			• • • • • •	• • • • • •	WIND S	PEED IN	KNOTS	• • • • • •	•••••		•••••	• • • • • •	• • • • • •	• • • • • •
DIRECTION (DEGREES)	•	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	ME AN WIND	MEDIAN WIND
(N) 350-010	1.1	1.6	.2	.1		•••••			• • • • • • •		•••••	3.0	5.6	5.0
020-040	1.0	.8	.4	.1	.1							2.4	7.1	5.0
050-070	1.1	.8	.1	. 1								2.0	5.2	4.0
(E) 080-100	.5	.6	1.1				.1					2.4	8.8	9.5
110-130	.5	.5	.5	.1								1.7	7.6	8.0
140-160	.6	1.0	.5	.1								2.3	6.9	6.0
(S) 170-190	1.0	1.8	1.2	.1	.1							4.2	7.5	6.0
200-220	1.4	4.4	5.6	1.6								13.0	9.7	10.0
230-250	3.7	8.8	6.9	1.4								20.8	8.4	8.0
(W) 260-280	3.3	10.4	4.8	.3								18.9	7.5	8.0
290-310	3.2	9.0	4.2	.1								16.6	7.2	7.0
320-340	1.5	7.0	1.8									10.3	7.0	7.0
VARIABLE	! 	• • • • • •			•••••	•••••	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	•••••		•••••
CALM	///////	//////	//////	//////	//////	//////	//////	//////	///////	1111111	///////	2.5	/////	111111
TOTALS	18.9	46.7	27.3	4.0	.2		.1					100.0	7.6	8.0
			**	TAI 11111	DED OF	ODOEDWA		070						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	: MAY	HOUR	s: 18-20)	
DIRECTION (DEGREES)] 1-4 }	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN IND
(N) 350-010	1.2	.8		•••••	• • • • • • •	• • • • • • •	• • • • • •		•••••	•••••	•••••	1.9	4.3	4.0
020-040	8.	.2	.2	. 1								1.3	6.0	4.0
050-070	1.0	1.0	.6									2.6	6.5	6.0
(E) 080-100	.3	1.1	.4									1.8	6.8	7.0
110-130	.6	.4	.3									1.4	6.1	6.0
140-160	.8	1.1	.4									2.3	6.3	6.0
(s) 170-190	.8	.6	.4									1.8	6.1	6.0
200-220	2.8	4.4	2.2	.5								9.9	7.5	7.0
230-250	5.5	9.7	5.3	.4	.1							21.0	7.2	7.0
(W) 260-280	5.3	9.8	3.5	,1								18.7	6.4	6.0
290-310	6.6	9.6	2.0									18.2	5.9	6.0
320-340	3.0	9.7	2.2	.1								14.9	6.7	7.0
VARIABLE	! !			•••••	••••	• • • • • • • •	•••••				•••••			•••••
CALM	(///////	//////	//////	1111111	//////	///////	//////	///////	///////	111111	1111111	4.2	/////	111111
TOTALS	28.7	48.4	17.5	1.2	.1							100.0	6.3	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFR AZ
LST TO LITC: + 7

STATION NUMBER: 722745 PÉRIOD OF RECORD: MAY 79 - APR 89
MONTH: MAY HOURS: 21-23

	23
WIND SPEED IN KNOTS DIRECTION 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTA (DEGREES) %	

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9		.1	• • • • • •		•••••		******		• • • • • • •	•••••	1.0	2.9	2.0
020-040	1.1											1.1	2.5	3.0
050-0 70	1.0	.8	.1	.3								2.2	6.6	5.5
(E) 080-100	1.6	1.1	.1									2.8	4.5	4.0
110-130	4.0	1.7	.6									6.3	4.7	4.0
140 - 160	7.0	1.1	.2									8.3	3.6	3.0
(S) 170-190	6.3	1.3	.2									7.8	3.4	3.0
200-220	6.5	1.6	.3	.2								8.6	4.0	3.0
230-250	9.0	5.3	.4									14.7	4.0	3.0
(W) 260-280	10.2	5.5	.2									15.9	4.1	3.5
296-310	7.8	3.3	.3									11.5	3.9	4.0
320-340	2.9	1.0		.1								4.0	3.9	3.0
VARIABLE	: 			• • • • • •	• • • • • •	• • • • • •						• • • • • • •		•••••
CALM	///////	//////	//////	//////	//////	'//////	//////	1111111	1111111	//////	1111111	15.8	/////	/////
TOTALS	58.3	22.7	2.5	.6								100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7

MONTH: MAY HOURS: ALL

•••••		•••••	• • • • • •		WIND S	PEED IN	KNOTS	• • • • • •		. 	• • • • • • •	• • • • • •	• • • • • •	
DIRECTION	1-4	5-9	10-14	15-19	20 · 24	25-29	30-34	35 - 39	40-49	50-64	GE 65	OTAL	MEAN	MEDIAN
(DEGREES)		•••••	•••••		•••••	•••••	• • • • • •	•••••		•••••	•••••	*	WIND	MIND
(N) 350-010	1.0	.5	.1	.0	•••••	•••••		•••••				1.6	4.3	4.0
020-040	1.0	.3	.1	.0	.0							1.4	4.7	4.0
050-070	1.2	.6	.3	.1								2.2	5.1	4.0
(E) 080-100	2.1	1.1	.4	.0			.0					3.7	5.1	4.0
110-130	8.2	3.5	.9	.2	.0							12.8	4.7	4.0
140-160	11.9	4.4	.5	.0								16.8	4.0	4.0
(S) 170-190	4.6	2.0	.6	.0	.0							7.3	4.5	4.0
200-220	3.5	3.0	1.9	.5	.0							8.9	6.8	6.0
230-250	3.7	4.3	2.0	.3	.0							10.4	6.5	6.0
(W) 260-280	3.8	4.6	1.3	. 1								9.8	5.8	5.0
290-310	3.6	4.3	1.1	.0								9.0	5.7	5.0
320 - 340	1.8	3.4	.7	.0								5.9	6.0	6.0
VARIABLE	; 	· · · · · · ·					• • • • • •						• • • • • • • • • • • • • • • • • • • •	
	 ///////	· / / / / / / / /	///////		///////		//////	///////	////////	///////	1111111	10.2	11111	,,,,,,,
TOTALS	46.4	32.0	9.9	1.2	, , ,	.,,,,,,,	, ,	.,,,,,,	,	,,,,,				
TUTALS	40.4	32.0	9.9	1.2								100.0	4.8	4.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED

USAFETAC, AS			PERC	ENIAGE	FREGUE			SERVATIO		NO DIKE	C 1 I ON V	EKSUS WI	NU SPE	ΕU
STATION NUMB	ER: 722745		ATION N						MON1	H: MAY	HOU	MAY 79 RS: ALL		
CATEGORY A:	CEILING GE			AND/OF	1500	FEET WIT	TH VISIE	ILITY G	1/2	MILE (0800 MET	ERS).		
	1-4				20-24		N KNOTS 30-34	35-39	40-49	50-64	GE 65		MEAN	MEDIAN
(DEGREES)	•											%	WIND	WIND
(N) 350-010			•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • •			•••••	•••••	
020-040	!													
050-070														
(E) 080-100														
110-130														
140-160	-		100.0									100.0	11.0	11.0
(S) 170-190	!													
200-220														
230-250	(!													
(W) 260-280														
290-310														
320-340														
VARIABLE	. <u>.</u>	••••	•••••	•••••		•••••	• • • • • • •	•••••	• • • •			• • • • • • •		
CALM	111111111	/////	///////	//////	//////	//////	///////	///////	/////	//////	(1/////	0. \	/////	1111111
TOTALS	! 		100.0									100.0	11.0	11.0
			TO	TAL NU	BER OF	OBSERV	ATIONS	1						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUN HOURS: 00-02

		LS	T TO UT	C: + 7					MONTH	: JUN	HOUR	5: 00-0	2	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	• • • • • •		*****	•••••			• • • • • • •		• • • • • • •	• • • • • • •	.1	3.0	3.0
020-040	.2	.1										.3	4.3	3.0
050-070	1.0	.2										1.2	3.0	2.0
(E) 080-100	2.8	2.1	.2									5.1	4.8	4.0
110-130	15.8	5.2	1.4	.2								22.7	4.3	4.0
140-160	25.2	5.3	.6									31,1	3.6	3.5
(S) 170-190	12.3	2.0										14.3	3.2	3.0
200-220	4.8	1.4	.1									6.3	3.5	3.0
230-250	2.9	.4										3.3	3.3	3.0
(W) 260-280	1.4	.6	.1									2.1	4.3	4.0
290-310	1.3	.2										1.6	3.3	3.0
320-340	.7	.1										.8	3.0	2.0
VARIABLE	! !	• • • • • •		• • • • • • • •	•••••		•••••	• • • • • • • •	• • • • • •			•••••		•••••
CALM	1111111	//////	//////	1111111	//////	///////	//////	///////	111111	///////	1111111	11.0	/////	111111
TOTALS	68.5	17.6	2.4	.2								100.0	3.4	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 STATION NUMBER: 722745 PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JUN HOURS: 03-05

		LJ	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	U. + /					HORIT	: JUN	HOUK	3: 03.0	,	
DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	 ******											%	WIND	WIND
(N) 350-010		.1										.1	5.0	5.0
020-040	.1	.1										.2	3.0	3.0
050-070	.6	.1										.7	3.7	4.0
(E) 080-100	3.6	.9	.1									4.6	3.8	4.0
110-130	20.2	9.2	1.1	.1								30.7	4.3	4.0
140-160	31.3	11.9	.3									43.6	4.0	4.0
(S) 170-190	5.8	1.0										6.8	3.2	3.0
200-220	.9	.2										1.1	3.5	3.5
230-250	.6											.6	3.2	3.0
(W) 260-280	.4											.4	2.3	2.5
290-310	.3	.2										.6	3.8	3.0
320-340	.1											.1	4.0	4.0
VARIABLE	: 	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • •					•••••		• • • • • •
CALM	///////	//////	///////	///////	//////	///////	7/////	///////	(1/1///	//////	///////	10.7	/////	//////
TOTALS	 63.9	23.7	1.5	.1								100.0	3.6	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7 MONT	H: JUN	HOURS: 06-08
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• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • •		WIND S	PEED IN	KNOTS	• • • • • •	•••••	•••••	•••••	•••••		•••••
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	,1		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	•••••	•••••	•••••	.1	1.0	1.0
020 - 349	.2											.2	2.0	2.0
050-070	.7	.6	.1									1.3	5.1	4.5
(E) 080-100	2.2	1.4		.1								3.8	4.6	4.0
110-130	11.9	10.0	1.7	.4	.2							24.2	5.4	5.0
140-160	22.1	20.0	1.1									43.2	4.8	4.0
(S) 170-190	8.4	4.1	.1									12.7	4.0	4.0
200-220	1.4	1.1	.1									2.7	4.7	4.0
230-250	_4	.1										.6	3.2	3.0
(W) 260-280	.3											.3	2.0	2.0
290-310	.1	.1										۶.	4.0	4.0
320-340) .3 											.3	2.3	2.0
VARIABLE	: !	• • • • • •			• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •		•••••	• • • • • •	• • • • • • •
CALM	1//////	//////	//////	//////	//////	(1111111	//////	,,,,,,,	,,,,,,,	111111	///////	10.3	/////	111111
TOTALS	48.1	37.4	3.1	.5	.2							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	TO UT	C: + 7					MONTH	i: JUN	HOUR	S: 09-11	}	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	.6			• • • • • •	•••••	•••••	• • • • • • •		• • • • • • •	•••••	3.1	3.3	3.0
020-040	2.2	.6										2.8	3.0	2.0
050-070	2.0	.9	.7	.2								3.8	5.6	4.0
(E) 080-100	3.6	1.0	.6									5.1	4.3	3.5
110-130	4.6	2.6	1.6	1.1	.1	.1						10.0	7.1	5.5
140~160	5.2	3.4	.3	.1								9.1	4.7	4.0
(S) 170-190	7.0	3.9	1.3									12.2	4.9	4.0
200-220	6.0	3.8	1.0	.1								10.9	5.0	4.0
230-250	4.3	2.4	.8									7.6	4.7	4.0
(W) 260-280	3.4	.9										4.3	3.4	4.0
290-310	5.9	2.1	.1									8.1	3.7	4.0
320-340	4.1	2.3										6.4	4.0	4.0
VARIABLE	: !		• • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •
CALM	1111111	//////	///////	///////	//////	////////	//////	(//////	///////	(1)1111	1111111	16.6	/////	111111
TOTALS	50.9	24.5	6.4	1.5	.1	.1						100.0	4.0	4.0
			TC	TAL NUM	BER OF	OBSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

	LS	T TO UT	C: + 7			MONTH: JUN HOURS: 12-14								
•••••	• • • • • • • • •	• • • • •		• • • • • •		PEED IN			•••••	• • • • • •	•••••		• • • • • •	• • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15 - 19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	2.2	.2	•••••	•••••	• • • • • •	•••••	•••••	• • • • • • •	•••••	•••••	3.8	5.3	6.0
020-040	2.6	1.2	.1									3.9	4.3	4.0
050-070	1.4	1.0	.4									2.9	5.4	5.0
(E) 080-100	.9	.8	.4									2.1	6.0	5.0
110-130	1.0	1.2	1.9	.3	.1							4.6	9.2	10.0
140-160	1.1	1.4	.6	.2	.1							3.4	7.3	6.0
(S) 170-190	1.7	2.7	1.4	.1	.1							6.0	7.0	6.0
200-220	2.9	4.8	4.8	.6								13.0	8.1	8.0
230-250	4.4	6.8	2.3	.2								13.8	6.5	6.0
(W) 260-280	4.4	7.9	.6									12.9	5.6	6.0
290-310	5.4	8.2	1.9									15.6	6.1	6.0
320-340	5.4	7.1	1.1									13.7	5.4	5.0
VARIABLE	 	• • • • •		•••••	• • • • • •		•••••						· · · · · · · ·	•••••
CALM	11111111	/////	//////	//////	1111111	///////	//////	///////	///////	//////	///////	4.4	/////	111111
TOTALS	32.5	45.3	15.7	1.4	.3							100.0	6.1	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: JUN HOURS: 15-17

		• • • • •	• • • • • •			PEED IN	KNOTS					• • • • • •		
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19				35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	1.8	.3	.2	•••••	•••••	•••••	• • • • • •	• • • • • •			4.8	5.3	4.0
020-040	1.2	.8	.4									2.4	6.2	5.0
050-070	.7	.9	.3		.1							2.0	6.9	7.0
(E) 080-100	.9	1.1	.4									2.4	6.4	7.5
110-130	.6	.7	1.2	.3	.1							2.9	10.0	10.0
140-160	1.3	.7	.6	.3								2.9	7.3	5.0
(S) 170-190	.2	1.7	.8	.1		.1						2.9	8.9	8.0
200-220	1.8	3.4	4.7	.4								10.3	8.7	9.0
230-250	2.4	7.1	7.8	.8								18.1	8.6	9.0
(W) 260-280	3.4	8.7	3.3	.2								15.7	6.9	6.0
290-310	3.2	12.6	3.7	.2								19.7	6.9	6.0
320-340	3.2	7.0	3.2	.3								13.8	7.4	8.0
VARIABLE	!				•••••			• • • • • • • • • • • • • • • • • • • •	• • • • • •			•••••	• • • • • • • • • • • • • • • • • • •	
CALM	11/1///	//////	///////	1111111	///////	///////	//////	(//////	(//////	(/////	<i>''''</i>	2.1	/////	111111
TOTALS	21.3	46.5	26.7	2.8	.2	.1						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 900

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUN HOURS: 18-20

		LS	זט סז זי	C: + 7					MONTH	: JUN	HOUR	s: 18-20)	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29	_	35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.7	.7	.4	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •		• • • • • • •	1.8	6.3	5.5
020-040	.7	.4	.3									1.4	6.2	5.0
050-070	.9	1.6	1.0	.3								3.8	7.9	7.5
(E) 080-100	.9	.7	.8									2.3	6.9	6.0
110-130	.6	1.4	.8									2.8	7.5	8.0
140-160	.4	1.4	.6	.2								2.7	7.6	3.0
(S) 170-190	.4	1.1	.7	.2								2.4	8.1	8.0
200-220	1.0	3.2	1.4	.2								5.9	7.8	8.0
230-250	3.7	9.7	4.9	.4								18.7	7.4	7.0
(W) 260-280	5.0	11.7	1.9									18.6	6.3	6.0
290-310	5.1	11.1	3.3	.1								19.7	6.5	6.0
320-340	4.3	10.2	2.8	.1								17.4	6.7	7.0
VARIABLE	: 				•••••	• • • • • • •	•••••	• • • • • • •		•••••	••••••	• • • • • • •		•••••
CALM	1111111	//////	///////	///////	//////	///////	//////	///////	1111111	//////	///////	2.6	/////	111111
TOTALS	23.7	53.2	18.9	1.5								100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 69
LST TO UTC: + 7 MONTH: JUN HOURS: 21-23

		LS	T TO UT	C: + 7					MONTH	: JUN	HOUR	s: 21-23	3	
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	101AL %	MEAN GAIW	MEDIAN WIND
(N) 350-010	.8	. 1				• • • • • • •			• • • • • • •	•••••		.9	2.6	2.0
020-040	.4	.1										.6	3.8	3.0
050-070	.6	.8	.3									1.7	6.4	6.0
(E) 080-100	1.0	1.4	.3									2.8	6.4	7.0
110-130	4.3	2.0	.9	.1		.2						7.6	5.8	4.0
140-160	l . 5.1	1.6	.4	.2		.1						7.4	4.8	4.0
(S) 170-190	5.4	1.9	•									7.4	3.8	4.0
200-220	5.2	.7	.2									6.1	3.6	7.0
230-250	10.7	4.7	.1									15.4	3.8	3.0
(W) 260-280	11.6	6.8	.2									18.6	4.2	4.0
290-310	8.9	4.2	.1									13.2	4.0	4.0
320-340	3.1	.9	.1									4.1	3.9	4.0
VARIABLE	 	• • • • • •	•••••	• • • • • •	•••••		••••			•••••			• • • • • •	
CALM	1//////	//////	//////	//////	//////	'///////	//////	///////	'//////	'//////	///////	14.2	/////	111111
TOTALS	57.1	25.2	2.7	.3		.3						100.0	3.7	4.0
			TO	TAL NUM	BER OF	OBSERVA	TIONS	9 0ú						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUN HOURS: ALL

						SPEED IN						•••••		•••••
DIRECTION	1·4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	ļ											%	WIND	WIND
(N) 350-010	1.0	.7	.1	.0	•••••		•••••	•••••	•••••		•••••	1.8	4.8	4.0
020-040	1.0	.4	.1									1.5	4.5	4.0
050-070	1.0	.8	.4	.1	.0							2.2	6.0	5.0
(E) 080-100	2.0	1.2	.4	.0								3.5	5.1	4.0
110-130	7.4	4.0	1.3	.3	.1	.0						13.2	5.4	4.0
140-160	11.5	5.7	.6	.1	.0	.0						17.9	4.4	4.0
(\$) 170-190	5.2	2.3	.6	.1	.0	.0						8.1	4.6	4.0
200-220	3.0	2.3	1.5	.2								7.0	6.3	5.0
230-250	3.7	3.9	2.0	.2								9.7	6.3	6.0
(W) 260-280	3.8	4.6	.8	.0								9.1	5.5	5.0
290-310	3.8	4.8	1.1	.0								9.8	5.7	6.0
320-340	2.7	3.5	.9	.1								7.1	6.0	6.0
VARIABLE	<u>'</u>	• • • • • •			• • • • • •		••••	• • • • • • •	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••
CALM	1111111	//////	//////	1111111	//////	///////	//////	///////	111111	//////	///////	9.0	//////	111111
TOTALS	46.1	34.2	9.8	1.1	.1							100.0	4.9	4.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED

USAFETAC, ASH		PER	CENTAGE	FREQUE				CE SURFA SERVATIO		D DIREC	TION	VER	SUS WI	ND SPEE	D
STATION NUMBE	R: 722745	STATION I LST TO U	rc: + 7						PERIO MONTH				AY 79 : ALL	- APR 8	9
CATEGORY A:		200 BUT LES	SS THAN AND/O	1500 I	FEET	WITH	VISIB	ILITY GE							
		GE 1/2 MILI			-							TH C	EILING	GE 200	FEET.
DIRECTION	1-4	5-9 10-14	15-19	WIND :				35-39	40-49	50-64	GE	65	TOTAL	MEAN	MEDIAN
(DEGREES)	1	• • • • • • • • • • • • •											%	DNIW	MIND
(N) 350-010		• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • •	• • • • • •	• • • • • • •		• • • • • •	••••	• • • •	• • • • •	• • • • • •	•••••
020-040															
050-070							•								
(E) 080-100															
110-130															
140-160	!														
(S) 170-190	•														
200-220															
230-250															
(W) 260-280															
290-310		100.0											100.0	14.0	14.0
320-340															
VARIABLE	1 1		• • • • • •			• • • • •								• • • • • •	
CALM	1///////	///////////////////////////////////////	///////	,,,,,,,	////	/////	111111	///////	(11111)	//////	'///	'///	.0	/////	111111
TOTALS		100.0							, ,		,		100.0	14.0	
	•														

TOTAL NUMBER OF OBSERVATIONS 1

C - 4 - 60

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: LAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 00-02

				•••					- Con I I		11000	3. 00 0	-	
DIRECTION (DEGREES)	1-4	5-9	10-14	15 - 19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	. 1	• • • • • • •	•••••				• • • • • • •	• • • • • • •	• • • • • • •	· • • • • • • • • • • • • • • • • • • •	.2	6.5	6.5
020-040	.1	.2	.1	.1								.5	8.6	8.0
050-070	.8	.5	.2									1.5	5.3	4.5
(E) 080-100	4.2	2.4	.2	.1								6.9	4.4	4.0
110-130	12.6	6.3	2.7	.3								21.9	5.2	4.0
140-160	20.0	5.9	1.7	.2								27.8	4.1	4.0
(\$) 170-190	9.9	3.8	.5									14.2	3.9	3.5
200-220	3.1	1.7	.5									5.4	4.6	4.0
230-250	1.5	.5										2.0	3.3	2.0
(W) 260-280	1.4	1.0										2.4	4.0	3.5
290-310	.3	.3										.6	4.8	5.0
320-340	2		.2									.4	6.5	6.0
VARIABLE]	• • • • • •	• • • • • • •		•••••		· · · · · · ·		• • • • • • •		• • • • • • • •	•••••	• • • • • •	
CALM	///////	//////	//////	///////	111111	///////	//////	///////	///////	//////	///////	16.0	/////	111111
TOTALS	54.2	22.7	6.1	.7								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 03-05

		LJ	1 10 01	C. + /					MUNIT	i: JUL	HOUR	3: 03-0	,	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35 - 39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	.2	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	5	3.8	4.0
020-040	8.	.2										1.0	3.2	2.0
050-070	1.6	.3	.2									2.2	3.6	2.0
(E) 080-100	3.2	2.0	.1									5.4	4.5	4.0
110-130	15.4	7.8	1.1	.2	.1							24.6	4.5	4.0
140-160	27.8	8.7	.5	.1								37. 2	3.8	4.0
(S) 170-190	7.0	2.9	.4									10.3	4.1	4.0
200-220	2.3	.4	.1									2.8	3.6	2.5
230-250	!	.4										.4	5.3	5.0
(W) 260-280	.4	.1										.5	3.8	4.0
290-310	.3	.1										.4	4.0	3.5
320-340	.4											.4	3.0	3.0
VARIABLE				• • • • • • •	•••••	• • • • • • •	•••••		• • • • • •	•••••		•••••	• • • • • •	•••••
CALM	,,,,,,,	//////	///////	///////	//////	////////	//////	///////	,,,,,,,	//////	1111111	14.2	//////	111111
TOTALS	59.5	23.1	2.4	.3	.1							100.0	3.5	4.0
			10	TAI NIM	0ED 0E	ODCEDVA	TIONS	030						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 06-08

		LS	1 10 01	L: + /					MUNICH	: JUL	HOUR	S: U6-U	3	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MED I AN
(N) 350-010	.1		• • • • • •	• • • • • •	• • • • • •	• • • • • • •		•••••	•••••	• • • • • •	• • • • • • •	.1	1.0	1.0
020-040	.3											.3	2.0	2.0
050-070	1.1	.1	.1									1.3	3.7	3.0
(E) 080-100	3.2	1.5										4.7	3.6	3.0
110-130	12.0	7.7	1.1	.2								21.1	4.8	4.0
140-160	21.2	10.5	.8	.1								32.6	4.3	4.0
(S) 170-190	12.0	4.5	.2									16.8	3.8	3.0
200-220	3.5	.9										4.4	3.5	3.0
230-250	1.1	.2										1.3	2.8	2.0
(W) 260-280	ļ ļ .6											.6	2.2	2.0
290-310	.3	.2										.5	5.2	4.0
320-340	.4	.1										.5	2.6	1.0
VARIABLE	<u>'</u> !	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • • • •	• • • • • • •	• • • • • •	•••••
CALM	1111111	//////	//////	//////	/////	(1111111	1111111	'//////	///////	///////	1111111	15.7	111111	111111
TOTALS	55.8	25.7	2.2	.3								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 09-11

				•• .							110011	J. 07 7	'	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.8	.9				• • • • • • •		• • • • • •	•••••	•••••	• • • • • •	3.7	3.1	3.0
020-040	1.9	.6										2.6	3.4	3.0
050-070	2.6	.8										3.3	3.1	3.0
(E) 080-100	3.2	.5										3.3	3.1	3.0
110-130	5.2	3.1	1.4	.2								9.9	5.5	4.0
140-160	4.8	2.8	.6									8.3	4.4	4.0
(S) 170-190	5.6	3.4	.1									9.1	4.1	4.0
200-220	4.9	2.4	.5	.1								8.0	4.4	4.0
230-250	3.1	.4										3.5	2.8	3.0
(W) 260-280	4.7	1.3										6.0	3.3	3.0
290-310	5.3	3.7	.2									9.1	4.3	4.0
320-340	7.2	2.8										10.0	3.3	3.0
VARIABLE	<u>'</u>	• • • • • •			•••••	• • • • • • • •	•••••		• • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••		•••••
CALM	 ///////	,,,,,,	//////	///////	111111	///////	//////	'//////	'//////	1111111	1111111	22.7	/////	111111
TOTALS	51.3	22.7	2.8	.3								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: 12-14

LST TO UTC: + 7 MONTH: JL	L HOURS: 12	! -
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• • • • • • • • • • • • • •	• • • • • • • •		• • • • • •	• • • • • •	WIND S	PEED IN	KNOTS	• • • • • •	• • • • • •	•••••	•••••	• • • • • • •		•••••
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25 - 29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	2.9	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	•••••				6.2	4.5	4.0
020-040	2.6	.8	.1									3.4	3.5	3.0
050-070	1.6	.2	.4									2.3	4.9	3.0
(E) 080-100	1.0	1.4	.4									2.8	5.7	6.0
110-130	1.6	1.9	.9	.1								4.5	6.4	6.0
140-160	2.2	1.2	.5	.1								4.0	5.6	4.0
(S) 170-190	1.2	1.9	.8		.1							4.0	6.9	7.0
200-220	3.0	2.6	1.6	.2								7.4	6.3	6.0
230-250	4.0	3.9	.5	.1								8.5	5.2	5.0
(W) 260-280	5.5	7.3	.4									13.2	5.1	5.0
29 0 - 3 10	6.7	9.4	1.8									17.8	5.6	5.0
320-340	7.6	8.0	1.3	.1								17.0	5.4	5.0
VARIABLE	! 		• • • • • • •		•••••							• • • • • • •		
CALM	 ///////	//////	//////	///////	//////	'//////	//////	//////	(111111)	'//////	1111111	8.8	/////	111111
TOTALS	 40.3	41.5	8.7	.6	.1							100.0	5.0	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 15-17

		LS	דט טז די	C: + 7					MONTH	i: JUL	HOUR	s: 15-1	7	
DIRECTION (DEGREES)	,	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	1.7	.4	•••••	•••••	•••••	• • • • • •		• • • • • • •	• • • • • • •	•••••	3.9	5.5	5.0
020-040	1.1	.8	.2									2.0	5.3	4.0
050-070	1.0	.5	.3	. 1								1.9	5.6	4.5
(E) 080-100	.5	1.0	.8	.1	.2							2.6	9.0	8.0
110-130	.6	1.7	1.0	.3	.1							3.8	8.7	8.0
140-160	1.4	1.7	.5	.3	. 1							4.1	7.4	6.5
(S) 170-190	1.9	2.0	.9	.2								5.1	6.1	5.0
200-220	2.5	4.4	1.9	.2								9.0	6.8	6.0
230-250	4.0	6.1	1.6	.3								12.0	6.5	6.0
(W) 260-280	4.1	6.6	1.7									12.4	6.1	6.0
290-310	4.4	11.5	4.7									20.6	7.1	7.0
320-340	3.7	9.4	5.5	.5	.1							19.1	7.8	8.0
VARIABLE	: 	• • • • • •	•••••	•••••	•••••	• • • • • • •	• • • • • •		• • • • • • • • • • • • • • • • • • • •		• • • • • • •	•••••		•••••
CALM	1111111	//////	///////	//////	///////	1111111	(111111	///////	((((((((((()	///////	3.4	/////	//////
TOTALS	26.9	47.4	19.5	2.0	.5							100.0	6.7	6.0
			TO	TAL NUM	IBER OF	OBSERVA	ATIONS	930						

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C - 4 - 66

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: JUL HOURS: 18-20

		ŁS	T TO UT	C: + 7					MONTH	: JUL	HOURS	s: 18-20	0	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	.8	8	•••••	*****	• • • • • •	•••••	•••••	• • • • • •	•••••		2.0	7.2	7.0
020-040	.6	1.2	.9	.3			.1					3.1	9.5	9.0
050-070	1.2	1.6	1.0	.2								4.0	7.2	6.0
(E) 080-100	1.7	1.9	.2	.2		.1						4.2	6.2	5.0
110-130	2.0	2.3	2.5	.4					.1			7.3	8.4	8.0
140-160	2.2	2.6	.4	.3								5.5	6.0	5.0
(S) 170-190	2.6	2.0	.8	.4								5.8	6.5	5.0
2 00-220	2.2	2.9	.9	.3								6.2	6.4	6.0
230-250	4.5	3.7	1.1	.2	.1							9.6	5.6	5.0
(w) 260-280	3.4	5.4	1.0	.1								9.9	6.0	6.0
290-310	6.1	13.7	4.1									23.9	6.5	6.0
320-340	2.2	5.2	5.3									12.6	7.9	8.0
VARIABLE	} 	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	•••••		• • • • • • •	· • • • • •				
CALM	1111111	//////	//////	///////	11/1//	///////	//////	//////	///////	//////	///////	5.9	/////	111111
TOTALS	29.2	43.3	1.0	2.4	.1	.1	.1		.1			100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 67

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 21-23

		LS	T TO UT	C: + 7					MONTE	1: JUL	HOUR	S: 21-2	3	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	.8.	.3	.1	•••••		•••••	• • • • • • •	• • • • • • •	• • • • • • • •		1.8	6.2	6.0
020-040	.4	.4	.2	.1								1.2	7.3	6.0
050-070	1.3	1.2	.9	. 1		.1						3.5	7.2	6.0
(E) 080-100	2.6	1.6	.4	.2	.3							5.2	6.6	4.5
110-130	4.5	3.5	3.7	.4	.1							12.3	7.0	6.0
140-160	7.1	3.8	1.5	.4	.1							12.9	5.4	4.0
(S) 170-190	7.7	3.0	.4	.2								11.4	4.2	3.0
200-220	5.3	1.4	1.3	.1								8.1	4.8	4.0
230-250	4.9	1.2	.1									6.2	3.4	3.0
(W) 260-280	6.0	2.3										8.3	3.4	3.0
290-310	8.4	2.2	.3									10.9	3.6	3.0
320-340	.9	.8	.1									1.7	4.8	4.5
VARIABLE	: !	• • • • • •	• • • • • • •	• • • • • •	• • • • • •		•••••	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	•••••		•••••
CALM	1111111	//////	//////	//////	111111	1111111	//////	(1/1/1/	///////	(11/1///	//////	16.6	/////	111111
TOTALS	49.7	22.2	9.2	1.6	.5	. 1						100.0	4.2	4.0
			τo	TAL NUM	IRFR OF	ORSERVA	TIONS	930						

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATEN NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: JUL HOURS: ALL

1-4 1.2 1.0 1.4 2.5 6.7	5-9 			20-24		30-34	35-39		50-64	GE 65	TOTAL %	MEAN WIND 4.9	MEDIA WIND 4.0
1.0 1.4 2.5 6.7	.5 .7 1.5 4.3	.2 .2 .4 .3	.0 .1						• • • • • • •		2.3	4.9	4.0
1.0 1.4 2.5 6.7	.5 .7 1.5 4.3	.2 .4 .3	.1		.0	.0			••••••	•••••			
1.4 2.5 6.7	.7 1.5 4.3	.4	.1		.0	.0					1.8	5.5	4.6
2.5	1.5	.3		_	.0								
6.7	4.3		.1	_							2.5	5.3	4.0
		1.8		.1	.0						4.4	5.1	4.0
10.8	4.7		.3	.0				.0			13.2	5.6	4.0
		.8	.2	.0							16.5	4.4	4.0
6.0	3.0	.5	.1	.0							9.6	4.5	4.0
3.3	2.1	.9	.1								6.4	5.3	4.0
2.9	2.1	.4	. 1	.0							5.5	5.0	4.0
3.3	3.0	.4	.0								6.7	4.9	5.0
4.0	5.1	1.4									10.5	5.8	6.0
2.8	3.3	1.5	.1	.0							7.7	6.3	6.0
	• • • • • •		• • • • • • •	• • • • • •		•••••	•••••	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	••••
//////	/////	//////	//////	//////	,,,,,,	1111111	///////	//////	//////	1111111	12.9	//////	/////
45.9	31.2	8.8	1.2	. 1							100.0	4.5	4.0
	3.3 4.0 2.8 	3.3 3.0 4.0 5.1 2.8 3.3	3.3 3.0 .4 4.0 5.1 1.4 2.8 3.3 1.5 	3.3 3.0 .4 .0 4.0 5.1 1.4 2.8 3.3 1.5 .1 	3.3 3.0 .4 .0 4.0 5.1 1.4 2.8 3.3 1.5 .1 .0 	3.3 3.0 .4 .0 4.0 5.1 1.4 2.8 3.3 1.5 .1 .0 	3.3 3.0 .4 .0 4.0 5.1 1.4 2.8 3.3 1.5 .1 .0 	3.3 3.0 .4 .0 4.0 5.1 1.4 2.8 3.3 1.5 .1 .0 	3.3 3.0 .4 .0 4.0 5.1 1.4 2.8 3.3 1.5 .1 .0 	3.3 3.0 .4 .0 4.0 5.1 1.4 2.8 3.3 1.5 .1 .0 	3.3 3.0 .4 .0 4.0 5.1 1.4 2.8 3.3 1.5 .1 .0	3.3 3.0 .4 .0 6.7 4.0 5.1 1.4 10.5 2.8 3.3 1.5 .1 .0 7.7 12.9 45.9 31.2 8.8 1.2 .1 100.0	3.3 3.0 .4 .0 6.7 4.9 4.0 5.1 1.4 10.5 5.8 2.8 3.3 1.5 .1 .0 7.7 6.3

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: ALL

.....

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

				WIND S	PEED IN	KNOTS							
DIRECTION	1-4	5-9 10-14	15 - 19	20-24	25-29	30-34	35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)				•••••		•••••	• • • • • • •	•••••	• • • • • •		%	MIND	WIND
(N) 350-010		• • • • • • • • •	• • • • • • •	• • • • • •			•••••	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
020-040													
050-070					33.3						33.3	26.0	25.0
(E) 080-100	33	3.3									33. 3	8.0	8.0
110-130) 												
140 - 160	33	3.3									33.3	8.0	8.0
(S) 170-190	 												
200-220													
230-250) 												
(W) 260-280													
290-310	 												
320~340	! 												
VARIABLE	 		• • • • • • •		•••••		•••••	• • • • • • •					
CALM	1//////////////////////////////////////	///////////////////////////////////////	///////	//////	///////	//////	//////	//////	//////	///////	.0	/////	/////
TOTALS	i 60	5.6			33.3						100.0	14.0	8.0

TOTAL NUMBER OF OBSERVATIONS 3

C - 4 - 70

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

			דט טז ד							: AUG	HOUR	s: 00-0	2	
DIRECTION (DEGREES)	1-4				WIND S	SPEED IN 25-29	KNOTS				GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	2		• • • • • • •	• • • • • •			• • • • • •	• • • • • •			.4	4.3	4.5
020-040	.3	.3										.6	4.3	5.0
050-070	1.2	.8										1.9	4.4	4.0
(E) 080-100	2.6	2.5	.5	. 1								5.7	5.2	5.0
110-130	14.2	7.7	1.3	.4	.3							24.0	4.9	4.0
140-160	19.4	7.5	1.0	.2								28.1	4.1	4.0
(S) 170-190	10.6	3.3	.5									14.5	3.7	3.0
200-220	2.4	.8	.4									3.5	4.4	3.0
230-250	.9	. 1	. 1									1.1	4.0	3.0
(W) 260-280	.9	.3										1.2	3.5	3.0
290-310	.1	.2	. 1									.4	8.0	8.5
320-340	.6	.5										1.2	4.5	4.0
VARIABLE	· · · · · · · · · · · · · · · · · · ·	•••••	•••••	• • • • • • •					•••••	•••••		• • • • • •	• • • • • •	•••••
CALM	1///////	//////	//////	1111111	11/1///	1111111	//////	11/1///	1111111	1111111	'//////	17.3	/////	111111
TOTALS	53.4	24.2	3.9	.7	.3							100.0	3.6	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: 03-05

				••									•	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	,5	• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	•••••	•••••	•••••		.5	2.6	2.0
020-040	.3	.3										.6	3.8	4.0
050-070	.6	.5	.4									1.6	6.0	5.0
(E) 080-100	3.7	1.8	.2									5.7	4.3	4.0
110-130	16.1	8.3	1.7	.1								26.2	4.5	4.0
140-160	26.1	10.9	.9									37.8	3.8	4.0
(S) 170-190	6.8	2.3	.3									9.4	3.6	3.0
200-220	.5	.2										.8	3.7	3.0
230~250	1.0											1.0	2.4	2.0
(W) 260-280	.4											.4	2.5	2.0
290-310		. 1										. 1	7.0	7.0
320-340	.4	.3	.1									.9	5.9	4.5
VARIABLE	! !	• • • • • •			••••	· · · · · · ·	•••••		•••••		• • • • • • •			•••••
CALM	1111111	//////	//////	1111111	111111	///////	//////	1111111	1111111	///////	(())(())	14.9	//////	111111
TOTALS	56.4	24.7	3.6	.1								100.0	3.5	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

R: 722745				VIS-MO	NTHAN AF	B AZ							9
	• • • • • •	• • • • • •	• • • • • • •	LITHO		KNOTE		•••••	• • • • • •		• • • • • •		• • • • • • •
1-4	5-9	10-14		20-24	25-29	30-34			\$0-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
.2	• • • • • •					• • • • • •				• • • • • • •	.2	2.5	2.5
.2											.2	2.5	2.5
1.0	.8										1.7	4.4	4.0
3.3	.4	.1									3.9	3.1	3.0
13.0	10.0	1.7	.2								24.9	5.0	4.0
24.9	14.8	1.2									41.0	4.3	4.0
6.6	2.9										9.5	3.7	4.0
1.3	.2										1.5	2.8	2.0
.4											.4	2.5	2.0
.2											.2	3.0	3.0
.6	.2										.9	3.6	3.0
.8	.2	.2									1.2	4.7	4.0
! !				•••••		•••••	• • • • • • •		• • • • • • •		•••••		
1///////	111111	1//////	//////	111111	///////	111111	(//////	,,,,,,,	1111111	,,,,,,,	14.4	/////	111111
52.5	29.5	3.2	.2								100.0	3.7	4.0
	1-4 .2 .2 1.0 3.3 13.0 24.9 6.6 1.3 .4 .2	1-4 5-9 1-4 5-9 1-0 .8 1.0 .8 1.3.0 10.0 24.9 14.8 6.6 2.9 1.3 .2 .4 .2 .8 .2	LST TO UT 1-4 5-9 10-14 -2 -2 -1.0 .8 -3.3 .4 .1 -13.0 10.0 1.7 -24.9 14.8 1.2 -6.6 2.9 -1.3 .2 -4 -1.3 .2 -1.4 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5	LST TO UTC: + 7 1-4 5-9 10-14 15-19 -2 -2 -1.0 .8 -3.3 .4 .1 -13.0 10.0 1.7 .2 -24.9 14.8 1.2 -6.6 2.9 -1.3 .2 -4 -2 -3 .4 -4 -4 -2 -4 .2 -6 .2 -8 .2 .2	LST TO UTC: + 7 WIND 1-4 5-9 10-14 15-19 20-24 .2 .2 1.0 .8 3.3 .4 .1 13.0 10.0 1.7 .2 24.9 14.8 1.2 6.6 2.9 1.3 .2 .4 .2 .8 .2 .2	LST TO UTC: + 7 WIND SPEED IN 1-4 5-9 10-14 15-19 20-24 25-29	LST TO UTC: + 7 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 .2 .2 .1 .2 .2 .1 .2 .2 .4 .2 .4 .2 .6 .2 .8 .2 .2 .8 .2 .2	LST TO UTC: + 7 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 .2 .2 .1 .2 .2 .1 .2 .2 .2 .2 .2 .4 .2 .4 .2 .6 .2 .8 .2 .2 .8 .2 .2	LST TO UTC: + 7	LST TO UTC: + 7	LST TO UTC: + 7	LST TO UTC: + 7 MONTH: AUG HOURS: 06-00 WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL X 2 2 1.0 .8 1.7 3.3 .4 .1 3.9 13.0 10.0 1.7 .2 24.9 24.9 14.8 1.2 41.0 6.6 2.9 9.5 1.3 .2 1.5 .4 .4 .2 .2 .6 .2 .9 .8 .2 .2 1.2	LST TO UTC: + 7

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 73

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: 09-11

		۲.	.0 0.0	• • •					HON III.	٨٥٥	HOOKS	. 07-11		
DIRECTION (DEGREES)	•	5-9	10 - 14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.5	.4	.1	•••••	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	••••	•••••	3.0	3.1	2.5
020-040	2.0	.1										2.2	2.9	3.0
050-070	2.7	.4	.1	.1								3.3	3.5	3.0
(E) 080-100	3.7	1.3										4.9	3.4	3.0
110-130	6.5	4.0	3.5	.2								14.2	6.3	5.5
140-160	10.0	5.4	1.1									16.5	4.6	4.0
(S) 170·190	7.0	2.2	.3									9.5	3.6	3.0
200-220	4.1	.9										4.9	3.3	3.0
230-250	2.6	.9	.1									3.5	3.3	3.0
(W) 260-280	2.5	.8										3.2	3.1	3.0
290-310	4.1	.8										4.8	3.0	3.0
320-340	2.4	1.0	.1									3.4	3.9	4.0
VARIABLE	! ! !	• • • • • • •	•••••	•••••	•••••	• • • • • • • • •	•••••		•••••	•••••	• • • • • • •		• • • • • •	•••••
CALM	///////	//////	//////	//////	//////	////////	///////	(111111	///////	///////	///////	26.5	//////	111111
TOTALS	50.1	18.2	5.3	.3								100.0	3.	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

ST TO UTC: + 7	MONTH: AUG	HOURS: 12-14

	• • • • • • •	• • • • • •	• • • • • •	•••••	WIND S	PEED IN	KNOTS			• • • • • • •	•••••		• • • • • •	• • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	1.1	.1	• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	5,1	4.0	3.0
020-040	2.2	.9	.1									3.1	4.0	4.0
050-070	1.7	.9	.1									2.7	4.4	4.0
(E) 080-100	2.3	1.6	.1	.1								4.1	4.9	4.0
110-130	2.9	2.4	.9									6.1	5.3	5.0
140-160	2.9	2.2	.2		.1							5.4	5.3	4.0
(S) 170-190	3.3	1.8	.2	.1								5.5	4.5	4.0
200-220	4.0	2.0	.6									6.7	4.8	4.0
230-250	4.7	2.5	.3									7.5	4.2	4.0
(W) 260-280	! 5.4	3.0	.6									9.0	4.5	4.0
290-310	8.0	5.5	.8									14.2	4.6	4.0
320-340	7.2	3.8	.6									11.6	4.2	4.0
VARIABLE		• • • • • •	• • • • • •	• • • • • • •		•••••	•••••		• • • • • • •		•••••	• • • • • • •		• • • • • •
CALM	,,,,,,,,	//////	//////	//////	//////	///////	//////	///////	//////	//////	///////	19.0	//////	/////
TOTALS	48.5	27.7	4.6	.2	.1							100.0	3.7	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	I: AUG	HOUR	S: 15-17	7	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	1.5	.1			• • • • • • •		• • • • • • •		• • • • • •		4.3	3.9	3.0
020-040	1.7	1.1	.6									3.4	5.7	4.5
050-070	1.9	1.4	1.0	.3								4.6	7.0	7.0
(E) 080-100	1.8	1.4	.9	.1								4.2	6.3	5.0
110-130	1.9	2.7	.8									5.4	6.1	6.0
140 - 160	1.9	1.7	.8	.2		.1						4.7	6.7	6.0
(S) 170-190	2.0	1.6	1.6	.3	.1							5.7	7.5	7.0
200-220	1.9	2.0	1.3	.2								5.5	6.8	6.0
230-250	5.8	4.3	.5									10.6	4.7	4.0
(W) 260-280	4.9	5.8	1.0	. 1								11.8	5.4	5.0
290-310	5.3	8.5	1.4	.2								15.4	5.8	6.0
320-340	6.1	5.7	2.2	.4								14.4	5.9	5.0
VARIABLE	 !					• • • • • • •	• • • • • • •	• • • • • •			• • • • • • • •	•••••		
CALM	1111111	//////	///////	//////	111111	///////	//////	11/1///	1111111	1//////	1111111	9.9	111111	111111
TOTALS	37.9	37.7	12.2	1.8	.1	.1						100.0	5.3	5.0
			TC	TAL NUM	IBER OF	OBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7						: AUG	HOUR	s: 18-20)	
		•••••				EED IN		• • • • • •		• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •
DIRECTION (DEGREES)		5-9	10-14						40-49		GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	.6				• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	•••••	1.5	3.9	3.5
020-040	.6	.9	.4		.1							2.0	7.2	6.0
050-070	2.3	3.0	.9	.1								6.2	6.3	6.0
(E) 080-100	2.0	2.0	.4	.2								4.7	6.3	5.0
110-130	4.0	3.5	.9	.3	.1	.1						8.9	6.3	5.0
140-160	4.2	2.7	.9	. 3	. 1							8.2	5.8	4.0
(S) 170-190	2.6	4.4	.6									7.6	5.4	5.0
200-220	2.9	2.4	.6									5.9	5.3	5.0
230-250	3.9	2.2	.6									6.7	4.9	4.0
(W) 260-280	5.3	3.5	.9									9.7	4.9	4.0
290-310	8.3	6.2	1.2									15.7	4.9	4.0
320-340	5.5	6.0	1.0	.1								12.6	5.4	6.0
VARIABLE		•••••				• • • • • •	• • • • • • •			•••••		• • • • • • •		
CALM	 ///////////////////////////////////	//////	//////	///////	///////	11/1///	///////	1111111	,,,,,,,	///////	1111111	10.2	/////	11/1//
TOTALS	42.5	37.4	8.4	1.0	.3	.1						100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 · 77

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: 21-23

		LS	1 10 01	C: + /					MUNIT	: AUG	HOUK	5: 21-23	,	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	.3	•••••		•••••	•••••	• • • • • •	•••••			•••••	1.4	3.6	4.0
020-040	1.1	.6										1.7	4.1	4.0
050-070	2.0	1.0	.2	.2								3.4	5.1	4.0
(E) 080-100	4.2	2.9	.9	.2								8.2	5.4	4.0
110-130	5.7	5.2	2.0	.9	.1							13.9	6.4	5.0
140-160	11.5	4.7	1.2	.1								17.5	4.5	4.0
(S) 170-190	9.2	4.2	.5									14.0	4.1	4.0
200-220	2.7	.4	.4	.1								3.7	4.3	3.0
230-250	4.4	.8										5.2	2.9	2.0
(W) 260-280	4.6	.8	.1									5.5	3.2	3.0
290-310	4.1	1.2	.1		.1							5.5	3.9	4.0
320 · 340	1.4	.5	.1									2.0	4.2	3.0
VARIABLE	! 	• • • • • •	•••••	•••••	•••••		• • • • • •		•••••	••••		•••••	• • • • • •	•••••
CALM	11/////	//////	//////	//////	//////	'//////	//////	'//////	///////	//////	///////	18.1	/////	/////
TOTALS	52.0	22.6	5.5	1.5	.2							100.0	3.8	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

PERIOD OF RECORD: MAY 79 - APR 89

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 MONTH: AUG HOURS: ALL

DIRECTION			10-14	15-19		PEED IN	KNOTS		40-49			TOTAL	MEAN	MEDIAN
(DEGREES)		•••••	• • • • • • •								• • • • • • •	%	WIND	WIND
(N) 350-010	1.5	.5	.0	•••••			• • • • • •	• • • • • • •		•••••		2.1	3.7	3.0
020-040	1.1	.5	.1		.0							1.7	4.7	4.0
050-070	1.7	1.1	.3	.1								3.2	5.4	4.0
(E) 080-100	2.9	1.7	.4	.1								5.2	4.9	4.0
110-130	8.0	5.5	1.6	.3	.1	.0						15.5	5.3	4.0
140-160	12.6	6.2	.9	.1	.0	.0						19.9	4.4	4.0
(\$) 170-190	6.0	2.8	.5	.1	.0							9.4	4.3	۷.0
206-220	2.5	1.1	.4	.0								4.1	4.8	4.0
230-250	3.0	1.3	.2									4.5	4.1	4.0
(W) 260-280	3.0	1.8	.3	.0								5.1	4.5	4.0
290-310	3.8	2.8	.4	.0	.0							7.1	4.8	4.0
320-340	3.1	2.3	.5	.1								5.9	5.1	4.0
VARIABLE	; }							• • • • • • • •		•••••				
CALM	////////	111111	1111111	11/1///	//////	///////	//////	///////	(111111)	///////	///////	16.3	/////	111111
TOTALS	 49.2	27.6	5.6	.8	. 1							100.0	3.9	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

VARIABLE CALM

TOTALS

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

100.0 10.8 9.0

LST TO UTC: + 7

MONTH: AUG HOURS: ALL

CATEGORY A:	CEILING GE	200 B	UT LESS	S THAN	1500 F	EET WI	 []H VI:	SIBI	LITY (SE 1/2 I		0800 MFT	 FRS).		
	VISIBILITY			ND/OR									-	GE 200	fEET.
DIRECTION	1-4	5-9	10-14	15-19	WIND S 20-24				35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	•				• • • • • • • •								 %	WIND	WIND
(N) 350-010	!			• • • • •			• • • • •	• • • •		• • • • • • •	· · · · · ·	• • • • • • • •	• • • • • • • •		
020-040															
050-070															
(E) 080·100															
110-130		25.0											25.0	6.0	6.0
140-160	1														
(S) 170-190					25.0								25.0	20.0	20.0
200-220		25.0											25.0	5.0	5.0
230-250															
(W) 260-280															
290-310															
320-340			25.0										25.0	12.0	12.0
	1														

TOTAL NUMBER OF OBSERVATIONS 4

25.0

50.0 25.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

0-02

T TO UTC: + 7	MONTH: SEP	HOURS: 00
10 010. 7 7	MONTH. SEP	1100K3. 00

		1.5	1 10 01	C: + /					MUNIT	I: SEP	HOOK	S: 00-0	2	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAI WIND
N) 350-010	1 .1					• • • • • •				•••••	•••••	.2	4.0	4.0
020-040	.4	.1										.6	3.4	3.0
050-070	.7	1.8	.3	.1								2.9	6.5	6.0
E) 080-100	4.1	2.7	.9									7.7	5.0	4.0
110-130	17.1	9.3	1.9	.3	.1							28.8	4.7	4.0
140-160	27.3	6.8	.7	.1								34.9	3.7	4.0
s) 170-190	6.7	1.3	.1									8.1	3.1	3.0
200-220	1.6	.6										2.1	3.3	2.0
230-250	.8	.3										1.1	3.3	3.0
a) 260·280	.4	.1	.1									.7	4.2	2.0
290-310	.2											.2	1.5	1.5
320-340	.1	.1										.2	3.5	3.5
VARIABLE	: !				• • • • • •					• • • • • •	•••••	•••••	• • • • • •	• • • • • •
CALM	 ///////	//////	//////	//////	//////	1111111	//////	1111111	11/1/1/	///////	1111111	12.6	/////	111111
TOTALS	59.5	23.2	4.0	.5	.1							100.0	3.6	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: 03-05

		LS	10 01	U: + 1						1: 3EP	HOUK	3: 03-0)	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29	KNOTS	35-39		50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	ļ	• • • • • • •	•••••		•••••				• • • • • • •	• • • • • •		• • • • • • •	<i>.</i>	• • • • • • •
020-040	.4											.4	3.0	3.0
050-070	1.2	.4	. 1	.1	.1							2.0	5.9	4.0
(E) 080-100	3.6	3.6	.3	.1								7.6	5.2	5.0
110-130	19.3	12.8	1.4	.4								34.0	4.8	4.0
140-160	27.2	7.9	.6									35.7	3.6	3.0
(S) 170-190	4.0	1.7										5.7	3.6	4.0
200-220	.9	.2										1.1	3.1	3.0
230-250	.4											.4	2.8	2.5
(W) 260-280	1 .1	.1										.2	3.5	3.5
290-310	.1											.2	5.5	5.5
320-340												.3	2.7	2.0
VARIAR' E	·······	• • • • • •	· • • • • • • • • • • • • • • • • • • •					• • • • • • •	••••			•••••		
CFLM	1111111	//////	///////	///////	//////	///////	/////	///////	///////	//////	////////	12.3	/////	111111
TOTALS	57.5	26.8	2.4	.6	.1							100.0	3.7	4.0
			TC	TAL NUN	BER OF	OBSERVA	TIONS	900						

TOTAL HORBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7	MONTH: SEP	HOURS: 06-08

	• • • • • • • •			• • • • • •	WIND S	SPEED IN	KNOTS	•••••		• • • • • •		• • • • • •		• • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15 - 19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	. 		• • • • • • •	• • • • • •	• • • • • •		•••••	•••••		• • • • • •		• • • • • •		
020-040	.2	.2										.4	3.5	3.5
050-070	.3	1.1										1.4	6.1	7.0
(E) 080-100	2.7	3.4	.6	.1								6.8	5.6	5.0
110-130	13.8	13.1	2.1	.4								29.4	5.2	5.0
140 - 160	24.4	15.0	.8									40.2	4.1	4.0
(S) 170-190	4.1	2.3	.2									6.7	4.2	4.0
200-220	.4	.3	.1									.9	4.3	3.5
230-250	.2	.1	. 1									.4	5.3	4.5
(W) 260-280	.1											.1	1.0	1.0
290-310	.3	.1										.4	3.5	2.0
320-340	! .1 											.1	1,0	1.0
VARIABLE]]				• • • • • • • • • • • • • • • • • • • •		•••••				•••••	• • • • • • • • • • • • • • • • • • •	• • • • • •	•••••
CALM	1//////	//////	//////	//////	111111	(1111111	//////	///////	(1/////	//////	(1//////	13.0	/////	7/////
TOTALS	46.6	35.6	3.9	.5								100.0	4.0	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89
MONTH: SEP HOURS: 09-11

		• • • • • •		• • • • • • •	WIND S	PEED IN	KNOTS	•••••	• • • • • • •	•••••	• • • • • •			• • • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350·010	8.	· · · · · · ·	• • • • • •			•••••	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	8.	2.3	2.0
020-040	1.1	.2										1.3	3.3	3.0
050-070	1.4	1.2	.4									3.1	5.3	5.5
(E) 080-100	3.0	1.7	1.0	.3	.2							6.2	6.6	5.0
110-130	6.8	6.1	3.9	2.0	.2							19.0	7.5	6.0
140-160	11.3	5.9	2.3	.7								20.2	5.2	4.0
(S) 170-190	8.0	3.4	۰,9	.1								12.4	4.5	4.0
200-220	3.3	2.2	.4									6.0	5.0	4.0
230-250	2.2	.8	.1									3.1	3.6	3.0
(W) 260-280	1.9	.3										2.2	2.8	2.5
290-310	2.9	.7	.2									3.8	3.6	3.0
320-340	8.	.6										1.3	4.2	4.0
VARIABLE	! [•••••	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •		• • • • • • •	
CALM	///////	//////	//////	///////	///////	//////	//////	//////	///////	//////	///////	/ 20.4	//////	//////
TOTALS	43.5	23.1	9.2	3.1	.4							100.0	4.3	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7 MONTH: SEP HOURS: 12-14

		LS	וט טו	C: 4 /					MONTH	I: SEP	HOUR	ls: 12-14	•	
DIRECTION (DEGREES)	1	5-9	10-14	15-19		PEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	3.8	.7			•••••			• • • • • •	• • • • • • •		•••••	4.4	3.2	2.5
020-040	2.2	.7	. 1									3.0	3.7	3.0
050-070	2.2	1.2	.8									4.2	5.5	4.0
(E) 080-100	1.6	1.8	.8									4.1	6.6	6.0
110-130	1.2	3.9	3.2	.9	.6							9.8	9.5	9.0
140-160	1.9	3.0	1.6		. 1							6.6	7.0	7.0
(S) 170-190	1.7	3.3	1.3	. 1								6.4	6.8	6.0
200 · 220	4.3	4.3	1.3	.2								10.2	5.9	6.0
230-250	4.6	3.0	1.0	.3								8.9	5.3	4.0
(W) 260-280	5.6	4.2	.9									10.7	5.0	4.0
290-310	6.0	3.9	.7									10.6	4.7	4.0
320-340	7.0	3.9	.7									11.6	4.6	4.0
VARIABLE							•••••		•••••	••••	•••••	• • • • • • •		
CALM	1111111	//////	//////	//////	1/////	11/1///	11/1///	1111111	//////	1111111	1111111	9.6	//////	/////
TOTALS	42.1	33.9	12.4	1.5	.7							100.0	5.2	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: 15-17

		ιs	TO UT	C: + 7					MONTH	1: SEP	HOUR	S: 15-1	7	
DIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	1.3	.2				•••••		•••••		• • • • • • •	3.6	4.7	4.0
020-040	.8	.8	.6	. 1								2.2	6.9	5.5
050-070	8.	2.2	.7	.6								4.2	8.4	8.0
(E) 080-100	1.2	3.2	1.1	.1								5.7	7.2	7.0
110-130	1.3	2.4	2.3	.4								6.6	8.6	8.0
140-160	1.7	1.6	.6	.3	.1							4.2	6.8	6.0
(S) 170-190	1.2	2.1	.7									4.0	6.4	7.0
200-220	2.3	5.1	1.7	.2								9.3	6.7	6.5
230-250	2.9	5.8	2.1	.2								11.0	6.8	6.0
(W) 260-280	4.9	5.4	1.0	.1								11.4	5.5	5.0
290-310	7.9	7.4	1.6	.1								17.0	5.6	5.0
320-340	4.2	7.4	1.8	.4								13.9	6.5	6.0
VARIABLE	: !			• • • • • • •	•••••		• • • • • •							
CALM	 ///////	//////	1111111	//////	//////	((()())	//////	///////	///////	(1/1/1//	//////	6.9	/////	1/1///
TOTALS	31.2	44.7	14.4	2.5	.1							100.0	6.0	6.0
			τn	TAI NIM	REP OF	ORSERVA	PACITA	con						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: 18-20

1-4	5-9	10-14	15-19		PEED IN 25-29		75 70				• • • • • • •	•••••	• • • • • • •
	7					JU J4	33.34	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
	7										%	WIND	MIND
.9			• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		•••••			1.6	4.3	3.0
•	.8	.3									2.0	5.3	5.0
1.9	1.9	.8	.1	.3							5.0	7.3	6.0
1.9	3.0	.7	. 1								5.7	6.2	6.0
2.4	3.1	2.2	.8								8.6	7.5	7.0
2.4	1.3	.4	.2	.1							4.6	5.9	4.0
2.3	.9	.7	.1								4.0	5.6	4.0
2.3	1.6	.4		.2							4.6	5.9	4.0
4.7	2.7	.7									8.0	4.6	4.0
5.2	4.1	.3									9.7	4.6	4.0
11.1	10.4	1.2									22.8	4.8	5.0
5.2	5.0	.7									10.9	5.1	5.0
			• • • • • •		• • • • • • •	• • • • • •		•••••		• • • • • • •		· • • • • • •	• • • • • • •
//////	/////	//////	//////	//////	///////	//////	1111111	//////	//////	//////	12.8	//////	/////
41.2	35.5	8.4	1.3	.6							100.0	4.8	5.0
111111111111111111111111111111111111111	2.4 2.3 2.3 2.3 4.7 5.2	2.4 3.1 2.4 1.3 2.3 .9 2.3 1.6 4.7 2.7 5.2 4.1 1.1 10.4 5.2 5.0	1.9 3.0 .7 2.4 3.1 2.2 2.4 1.3 .4 2.3 .9 .7 2.3 1.6 .4 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 2.4 3.1 2.2 .8 2.4 1.3 .4 .2 2.3 .9 .7 .1 2.3 1.6 .4 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 2.4 3.1 2.2 .8 2.4 1.3 .4 .2 .1 2.3 .9 .7 .1 2.3 1.6 .4 .2 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 2.4 3.1 2.2 .8 2.4 1.3 .4 .2 .1 2.3 .9 .7 .1 2.3 1.6 .4 .2 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 2.4 3.1 2.2 .8 2.4 1.3 .4 .2 .1 2.3 .9 .7 .1 2.3 1.6 .4 .2 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 2.4 3.1 2.2 .8 2.4 1.3 .4 .2 .1 2.3 .9 .7 .1 2.3 1.6 .4 .2 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 2.4 3.1 2.2 .8 2.4 1.3 .4 .2 .1 2.3 .9 .7 .1 2.3 1.6 .4 .2 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 2.4 3.1 2.2 .8 2.4 1.3 .4 .2 .1 2.3 .9 .7 .1 2.3 1.6 .4 .2 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 2.4 3.1 2.2 .8 2.4 1.3 .4 .2 .1 2.3 .9 .7 .1 2.3 1.6 .4 .2 4.7 2.7 .7 5.2 4.1 .3 1.1 10.4 1.2 5.2 5.0 .7	1.9 3.0 .7 .1 5.7 2.4 3.1 2.2 .8 8.6 2.4 1.3 .4 .2 .1 4.6 2.3 .9 .7 .1 4.0 2.3 1.6 .4 .2 4.6 4.7 2.7 .7 8.0 5.2 4.1 .3 9.7 1.1 10.4 1.2 22.8 5.2 5.0 .7 10.9	1.9 3.0 .7 .1 5.7 6.2 2.4 3.1 2.2 .8 8.6 7.5 2.4 1.3 .4 .2 .1 4.6 5.9 2.3 .9 .7 .1 4.0 5.6 2.3 1.6 .4 .2 4.6 5.9 4.7 2.7 .7 8.0 4.6 5.2 4.1 .3 9.7 4.6 5.2 4.1 .3 9.7 4.6 5.2 5.0 .7 10.9 5.1

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION AME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: 21-23

		LS	1 10 01	U: + /					MONTH	: SEP	HOUR	S: 21-2.	3	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	.2	.1		• • • • • •	•••••	• • • • • •	•••••	• • • • • • •		• • • • • • •	.7	5.2	5.0
020-040	.7	.2										.9	2.8	2.0
050-070	1.3	1.7	.3	.1			.1					3.6	6.7	6.0
(E) 080-100	3.6	1.8	.7	.2	.1							6.3	5.5	4.0
110-130	9.1	5.4	2.4	.6								17.6	5.6	4.0
140-160	13.8	3.0	.3									17.1	3.5	3.0
(S) 170-190	10.9	1.1	.1									12.1	3.0	3.0
200-220	4.2	.6	.4									5.2	3.7	3.0
230-250	3.0	.6										3.6	3.2	2.0
(W) 260-280	4.2	.7										4.9	3.0	3.0
290-310	4.1	1.2	.2									5.6	4.1	4.0
320-340	.9	.2	.1									1,2	3.9	3.0
VARIABLE	! !	•••••	•••••	•••••	••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••	• • • • • •	•••••
CALM	11111111	//////	//////	//////	//////	///////	//////	///////	///////	//////	////////	21.3	/////	111111
TOTALS	56.1	16.7	4.6	.9	.1		.1					100.0	3.3	3.0
			то	TAL NUM	BER OF	OBSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: ALL

	LS	וו סו ז						MON 1 H	: SEP	HOUR	S: ALL		
1-4	5-9	10-14		WIND S	PEED IN	KNOTS		40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
				•••••				•••••	•••••		%	WIND	WIND
1.0	-4	.0		• • • • • •			• • • • • • •				1.4	3.9	4.0
.8	.4	. 1	.0								1.4	4.5	4.0
1.2	1.4	.4	.1	.1		.0					3.3	6.6	6.0
2.7	2.6	.8	.1	.0							6.2	5.9	5.0
8.9	7.0	2.4	.7	.1							19.2	5.9	5.0
13.8	5.6	.9	.2	.0							20.4	4.2	4.0
4.9	2.0	.5	.0								7.4	4.3	4.0
2.4	1.9	.6	.1	.0							4.9	5.4	5.0
2.3	1.7	.5	.1								4.6	5.2	4.0
2.8	1.9	.3	.0								5.0	4.6	4.0
4.1	3.0	.5	.0								7.6	4.9	4.0
2.3	2.2	.4	.1								4.9	5.3	5.0
///////	//////	//////	///////	///////	'//////	//////	11/1///	///////	1/////	'//////	13.6	//////	111111
47.2	30.1	7.4	1.4	.2							100.0	4.4	4.0
	1.0 .8 1.2 2.7 8.9 13.8 4.9 2.4 2.3 2.8 4.1 2.3	1.4 5-9 1.0 .4 .8 .4 1.2 1.4 2.7 2.6 8.9 7.0 13.8 5.6 4.9 2.0 2.4 1.9 2.3 1.7 2.8 1.9 4.1 3.0 2.3 2.2	1-4 5-9 10-14 1.0 .4 .0 .8 .4 .1 1.2 1.4 .4 2.7 2.6 .8 8.9 7.0 2.4 13.8 5.6 .9 4.9 2.0 .5 2.4 1.9 .6 2.3 1.7 .5 2.8 1.9 .3 4.1 3.0 .5 2.3 2.2 .4	1-4 5-9 10-14 15-19 1.0 .4 .0 .8 .4 .1 .0 1.2 1.4 .4 .1 2.7 2.6 .8 .1 8.9 7.0 2.4 .7 13.8 5.6 .9 .2 4.9 2.0 .5 .0 2.4 1.9 .6 .1 2.3 1.7 .5 .1 2.8 1.9 .3 .0 4.1 3.0 .5 .0 2.3 2.2 .4 .1	1.4 5-9 10-14 15-19 20-24 1.0 .4 .0 .8 .4 .1 .0 1.2 1.4 .4 .1 .1 2.7 2.6 .8 .1 .0 8.9 7.0 2.4 .7 .1 13.8 5.6 .9 .2 .0 4.9 2.0 .5 .0 2.4 1.9 .6 .1 .0 2.3 1.7 .5 .1 2.8 1.9 .3 .0 4.1 3.0 .5 .0 2.3 2.2 .4 .1	1.4 5-9 10-14 15-19 20-24 25-29 1.0 .4 .0 .8 .4 .1 .0 1.2 1.4 .4 .1 .1 2.7 2.6 .8 .1 .0 8.9 7.0 2.4 .7 .1 13.8 5.6 .9 .2 .0 4.9 2.0 .5 .0 2.4 1.9 .6 .1 .0 2.3 1.7 .5 .1 2.8 1.9 .3 .0 4.1 3.0 .5 .0 2.3 2.2 .4 .1	1.4 5-9 10-14 15-19 20-24 25-29 30-34 1.0 .4 .0 .8 .4 .1 .0 1.2 1.4 .4 .1 .1 .0 2.7 2.6 .8 .1 .0 8.9 7.0 2.4 .7 .1 13.8 5.6 .9 .2 .0 4.9 2.0 .5 .0 2.4 1.9 .6 .1 .0 2.3 1.7 .5 .1 2.8 1.9 .3 .0 4.1 3.0 .5 .0 2.3 2.2 .4 .1	NIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 1.0 .4 .0 .0	WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49	WIND SPEED IN KNOTS 1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 1.0 .4 .0 .8 .4 .1 .0 1.2 1.4 .4 .1 .1 .0 2.7 2.6 .8 .1 .0 8.9 7.0 2.4 .7 .1 13.8 5.6 .9 .2 .0 4.9 2.0 .5 .0 2.4 1.9 .6 .1 .0 2.3 1.7 .5 .1 2.8 1.9 .3 .0 4.1 3.0 .5 .0 2.3 2.2 .4 .1	1.4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 1.0 .4 .0 8 .4 .1 .0 1.2 1.4 .4 .1 .1 .0 2.7 2.6 .8 .1 .0 8.9 7.0 2.4 .7 .1 13.8 5.6 .9 .2 .0 4.9 2.0 .5 .0 2.4 1.9 .6 .1 .0 2.3 1.7 .5 .1 2.8 1.9 .3 .0 4.1 3.0 .5 .0 2.3 2.2 .4 .1	1-4 5-9 10-14 15-19 20-24 25-29 30-34 35-39 40-49 50-64 GE 65 TOTAL 1.0	Name of Section 1 Name

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7 MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	i		• • • • • •	•••••		•••••	•••••		•••••	•••••	• • • • • •	····· %	MIND	DNIM
(N) 350-010	ļ		• • • • • •	• • • • • • •	•••••	•••••	• • • • • •	•••••				• • • • • • •		•••••
020-040	7.1											7.1	2.0	2.0
050-070	<i>!</i>	7.1										7.1	6.0	6.0
(E) 080-100	14.3											14.3	3.5	3.5
110-130	! !													
140 - 160	! !	7.1										7.1	5.0	5.0
(S) 170-190	[7.1										7.1	7.0	7.0
200-220		14.3			7.1							21.4	12.7	9.0
230-250	-													
(W) 260-280]		7.1									7.1	10.0	10.0
290-310	14.3											14.3	3.0	3.0
320-340	7.1											7.1	2.0	2.0
VARIABLE	<u></u>	• • • • • •		• • • • • •			•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		
CALM] [//////	//////	///////	///////	//////	(//////	//////	///////	///////	//////	'//////	7.1	111111	(//////
TOTALS	42.8	35.6	7.1		7.1							100.0	5,9	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: 00-02

		LS	זט סז ז	C: + 7					MONTH	: OCT	HOUF	RS: 00-0	2	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.4		•••••		•••••		•••••	•••••		•••••	• • • • • • •	.4	3.3	3.5
020-040	.2	.2										.4	5.0	5.0
050-070] } .5	1.1										1.6	5.3	5.0
(E) 080-100	4.3	2.6	.3									7.2	4.5	4.0
110-130	20.9	9.8	1.2	.3								32.2	4.4	4.0
140-160	31.5	8.7	.1									40.3	3.6	4.0
(S) 170-190	4.6	1.3	.1									6.0	3.6	3.0
200-220	1.2	.6										1.8	3.8	4.0
230-250	1.0	.5										1.5	4.4	4.0
(w) 260-280	.4	.2	.1									.8	4.3	4.0
290-310	.1	.2										.3	5.7	6.0
320 · 340	1	.1										.1	5.0	5.0
VARIABLE	!				• • • • • • •		• • • • • •		• • • • • • •			· · · · · · · ·		
CALM	1111111	//////	1111111	1111111	111111	1111111	//////	1111111	///////	111111	//////	7.3	/////	111111
TOTALS	65.1	25.3	1.8	.3								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: 03-05

		LS	T TO UT	C: + 7					MONTH	: OCT	HOUR	s: 03-09	5	
DIRECTION (DEGREES)	1 1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.1	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		•••••	•••••			.1	2.0	2.0
020-040	.1											.1	2.0	2.0
050-070	1.2	.2	.1									1.5	3.7	3.0
(E) 080-100	3.9	2.7	.8	.1								7.4	4.9	4.0
110 - 130	21.3	10.3	2.0	.1	.1							33.9	4.6	4.0
140-160	28.9	11.0	.2									40.1	3.9	4.0
(S) 170-190	3.3	.4	.2	.1								4.1	3.9	3.0
200-220	.3		.2	.1								.6	7.3	6.5
230-250	.4	. 1										.5	3.6	4.0
(w) 260-280	.4	.1	.1									.6	4.2	2.5
290-310	.2	.6	.1									1.0	6.3	6.0
320-340	.4	.3	.1									.9	5.5	5.0
VARIABLE	 !				• • • • • •		• • • • • •				•••••	• • • • • • •		• • • • • • •
CALM	11111111	//////	1111111	//////	111111	(//////	//////	'//////	///////	///////	1111111	9.1	/////	/////
TOTALS	60.5	25.7	3.8	.4	. 1							100.0	3.9	4.0
			TC	TAL NUM	BER OF	OBSERVA	TIONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO LITC: + 7 MONTH: OCT HOURS: 06-08

		LS	T TO UT	C: + 7					MONTH	: OCT	HOUR	s: 06-0	В	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15 - 19		SPEED IN 25-29		35 · 39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010] .1		•••••	• • • • • •		• • • • • • •	• • • • • • •		•••••	• • • • • • •	•••••	.1	4.0	4.0
020-040	!	.2										.2	6.0	6.0
050-070	.4	.6	. 1									1.2	6.1	6.0
(E) 080-100	2.6	2.4	.4	.2								5.6	5.3	5.0
110-130	14.8	11.2	1.9	.2								28.2	4.9	4.0
140-160	28.0	19.6	1,1									48.6	4.4	4.0
(\$) 170-190	2.8	1.4	.1									4.3	4.1	4.0
200-220	.4	.3		.1								.9	5.8	4.5
230 - 250	.4											.4	2.3	2.5
(w) 260-280	.3											.3	2.3	2.0
290-310	.8	.3	.2									1.3	5.3	4.0
320-340	.1	. 2										.3	5.0	5.0
variable	1		•••••	•••••	•••••	• • • • • • • •	•••••	• • • • • • •					••••••	•••••
CALM	1//////	//////	//////	//////	//////	///////	1111111	///////	(//////	//////	////////	8.6	//////	111111
TOTALS	50.7	36.2	3.8	.5								100.0	4.3	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: 09-11

	•••••	• • • • •	• • • • • •	• • • • • •	UIND.	SPEED 1	N KNOTS	••••••••••••••••••••••••••••••••••••••			• • • • • • • •	• • • • • • •	• • • • • •	· · · · · · · ·
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19			30-34		40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	.1	•••••	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •				2.4	2.7	2.0
020-040	.9	.5	.2									1.6	4.9	3.0
050-070	2.2	1.2	.3									3.7	4.8	4.0
(E) 080-100	3.2	2.5	.5			1						6.3	5.2	4.0
110-130	6.1	6.2	3.8	1.1	.;	?						17.4	7.0	6.0
140-160	12.0	8.8	.8	.1								21.7	4.6	4.0
(S) 170-190	8.3	3.8	1.2									13.2	4.4	4.0
200-220	3.5	1.7	.6	.2		l						6.2	5.5	4.0
230-250	1.8	.6	.1									2.6	3.8	3.0
(W) 260-280	1.3	.8	.1	.2								2.4	5.5	4.0
290-310	1.7	1.0										2.7	3.9	4.0
320-340	2.2	1.1	.1									3.3	4.0	3.0
VARIABLE	.: 	· · · · · ·	•••••	• • • • • • •		• • • • • •					• • • • • • • •	• • • • • • • •	••••	
CALM	1111111	/////	//////	//////	//////	111111	///////	111111	//////	(//////	///////	/ 16.5	/////	//////
TOTALS	45.5	28.3	7.7	1.6	.4	,						100.0	4.3	4.0
			т	OTAL NU	MBER OI	OBSER	/AT LONS	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: 12-14

		LS	זט סז ד	C: + 7					MONTH	: OCT	HOUR	s: 12-14	•	
DIRECTION (DEGREES)	•	5-9	10-14	15 - 19		SPEED IN 25-29		35 · 39	40-49	50-64	GE 65	101AL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.5	1.0					• • • • • • •	• • • • • • •			••••	4.5	3.4	4.0
020-040	3.2	1.0	.3									4.5	4.1	3.5
050-070	2.3	2.6	.4									5.3	5.3	5.0
(E) 080-100	2.6	1.3	8.	.1	. 1							4.8	6.0	4.0
110-130	3.2	2.9	1.5	.3								8.0	6.6	5.5
140-160	3.1	1.3	.6									5.1	5.1	4.0
(S) 170-190	1.6	2.5	.9	.2								5.2	6.4	5.5
200-220	.9	2.7	2.9	.8	.2							9.5	8.3	8.0
230-250	3.0	2.5	1.1	.2	.1							6.9	6.2	5.0
(W) 260-280	5.2	3.1	.6	.1								9.0	4.7	4.0
290-310	5.1	4.6	.4	.1								10.2	5.0	5.0
320-340	7.0	3.4	.8									11.2	4.7	4.0
VARIABLE	! !	• • • • • •			· · · · · · ·			••••		•••••				•••••
CALM	//////	//////	//////	1111111	//////	11/1///	//////	1111111	'//////	//////	11/////	15.9	/////	/////
TOTALS	42.7	28.9	10.3	1.8	.4							100.0	4.7	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

		LS	T TO UT	C: + 7					MONTH	: OCT	HOURS	S: 15-17	,	
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	3.1	1.4	• • • • • • •			• • • • • • •		•••••	•••••		• • • • • •	4.5	4.0	4.0
020-040	1.6	1.3	.1									3.0	4.9	4.0
050-070	1.6	2.2	1.0	.3								5.1	6.9	6.0
(E) 080-100	1.3	1.9	.6	. 1								4.0	6.6	6.0
110-130	.8	.6	1.1	.1								2.6	7.8	9.0
140-160	.9	1.3	.3		.1							2.6	6.7	6.5
(S) 170-190	1.2	1.3	1.4	.1								4.0	7.6	5.0
200-220	1.3	3.0	3.3	.4	.1							8.2	8.7	8.5
230-250	2.7	3.8	2.0	-4								8.9	7.0	6.0
(W) 260-280	4.4	4.1	1.2	.3								10.0	5.9	5.0
290-310	6.2	11.7	2.2	.1								20.2	6.0	6.0
320-340	5.6	9.2	2.4	.1								17.3	6.2	6.0
VARIABLE	' 		•••••	•••••	•••••	• • • • • •		•••••	•••••	••••		•••••	• • • • • •	•••••
CALM	1//////	//////	11/1///	//////	///////	'//////	//////	///////	///////	///////	1111111	9.7	//////	/////
TOTALS	30.7	41.8	15.6	1.9	.2							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: OCT HOURS: 18-20

		rs	1 10 01	C: + /					MONTH	I: OCI	HOUR	S: 18-2	U	
DIRECTION (DEGREES)	,	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.2	.3			•••••		*****	• • • • • • •	•••••	•••••	• • • • • • •	2.5	2.8	2.0
020-040	1.2	.4	.2									1.8	4.1	3.0
050-070	2.7	3.2	1.2									7.1	5.8	6.0
(E) 080-100	2.7	2.3	1.1									6.0	5.6	5.0
110-130	2.6	1.3	.8									4.6	5.4	4.0
140-160	3.1	1.3	.3									4.7	4.5	3.5
(S) 170-190	1.2	.8	.2									2.2	4.9	3.5
200-220	2.7	1.4	.5									4.6	4.9	4.0
230-250	3.5	3.0	.4									7.0	4.9	4.0
(W) 260-280	6.0	1.4	.6	.1								8.2	4.1	3.0
290-310	14.5	8.3	.6									23.4	4.3	4.0
320-340	8.1	4.5	.5									13.1	4.5	4.0
VARIABLE			•••••						• • • • • • •					•••••
CALM	1111111	(11111	//////	//////	//////	(//////	//////	11/1/1/	(//////	//////	1111111	14.7	/////	111111
TOTALS	50.5	28.2	6.4	.1								100.0	4.0	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: 21-23

	20, 10 0.0.								rioit i i		HOOK	J. L. L.	•	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	!	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		•••••	• • • • • •	• • • • • •	
020-040	} .5	.2										.8	3.1	3.0
050-070	1.6	1.2	.4									3.2	5.5	4.5
(E) 080-100	2.9	3.5	.1	. 1								6.7	5.0	5.0
110-130	11.6	7.2	.4	.1								19.4	4.5	4.0
140-160	 23.3	3.7		.1								27.1	3.2	3.0
(S) 170-190	10.8	1.4										12.2	3.0	3.0
200-220	4.2	1.0										5.2	3.4	3.0
230-250	3.0	.6	.3									4.0	3.8	2.0
(W) 260-280	! ! 2.9	٠,9	.2									4.0	3.9	4.0
290-310	2.2	1.1	.1									3.3	4.2	4.0
320-340	.5 .5	.2										.8	4.3	4.0
VARIABLE	: !	• • • • • •	• • • • • •		• • • • • •		• • • • • •		•••••		•••••	• • • • • • •		•••••
CALM] ////////	//////	//////	//////	//////	11111111	//////	1111111	1111111	///////	1111111	13.5	/////	/////
TOTALS	63.5	21.0	1.5	.3								100.0	3.3	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: A!

T TO UTC: + 7 MONTH: OCT HOURS: 4

		LS	T TO UT	C: + /					MONTH	: QCT	HOUR	5: P:		
DIRECTION	1-4	5-9			20 - 24	PEED IN 25-29	30-34				GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)						• • • • • • • • • • • • • • • • • • • •						χ	MIND	MIND
(N) 350-010	1.5	.3			•••••	•••••			• • • • • • •		•••••	1.8	3.4	3.0
020-040	1.0	.5	.1									1.6	4.4	4.0
050-070	1.6	1.5	.4	.0								3.6	5.6	5.0
(E) 080-100	2.9	2.4	.6	.1	.0							6.0	5.3	5.0
110-130	10.2	6.2	1.6	.3	.0							18.3	5.1	4.0
140-160	16.4	6.9	.4	.0	.0							23.8	4.1	4.0
(S) 170-190	4.2	1.6	.5	.1								6.4	4.4	4.0
200-220	2.1	1.3	1.0	.2	.1							4.6	6.5	5.0
230-250	2.0	1.4	.5	. 1	.0							4.0	5.5	4.5
(W) 260-280	2.6	1.3	.4	.1								4.4	4.8	4.0
290 - 310	3.8	3.5	.5	.0								7.8	5.0	5.0
320 - 340	3.0	2.4	.5	.0								5.9	5.1	4.0
VARIABLE	: 			• • • • • • •			• • • • • •				· · · · · · · · ·			
CALM	1//////	//////	//////	(//////	(/////	////////	//////	//////	//////	//////	((((((11.9	/////	//////
TOTALS	51.3	29.3	6.5	.9	. 1							100.0	4.2	4.0
			T	OTAL NUI	BER OF	OBSERVA	ATIONS	7440						

C - 4 · 99

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

......

					WIND S	SPEED IN	KNOTS	• • • • • • •	•••••		• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION	1-4	5-9	10-14	15 · 19	20-24	25 - 29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)		•••••	•••••						••••••			%	WIND	WIND
(N) 350-010	14.3							•••••	•••••	•••••		14.3	3.0	3.0
020-040	! 													
050-070	14.3											14.3	3.0	3.0
(E) 080-100	!													
110-130	 													
140-160														
(S) 170-190	 													
200 - 220	! 													
230-250] 													
(w) 260-280														
290-310	 14.3	14.3										28.6	4.5	4.5
320-340	28.6	14.3										42.9	4.7	3.0
	l 								. 					
VARIABLE	1													
CALM	1///////	/////	///////	//////	//////	///////	//////	///////	///////	//////	'//////	.0	/////	//////
TOTALS	71.5	28.6										100.0	4.1	3.0
			7.0	TAI MIN	PED OF	ODSERVA	TIONS	7						

TOTAL NUMBER OF OBSERVATIONS 7

C - 4 - 100

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7

		ŁS	וט סד דו	ε: + 7					MONTH	I: NOV	HOUR	s: 00-0	2	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35 - 39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	• • • • •		•••••	•••••		• • • • • • •	•••••	•••••	•••••	• • • • • • • •	.4	2.5	2.5
020-040	.7											.7	3.2	3.5
050-070	.4	.4	.1									1.0	5.3	5.0
(E) 080-100	3.6	2.7	.6									6.8	4.7	4.0
110-130	19.6	11.4	2.3	.2								33.6	4.8	4.0
140-160	24.9	7.6	.6									33.0	3.7	4.0
(S) 170-190	6.1	.8	.3									7.2	3.2	3.0
200-220	1.7	.2	.2	.1								2.2	4.4	4.0
230-250	.9	.3										1.2	3.5	3.0
(W) 260-280	.8	.2										1.0	3.8	4.0
290-310	.6	.2										.8	3.3	3.0
320-340	.7	.1		.1								.9	5.3	4.0
VARIABLE	:]			•••••		• • • • • • •	• • • • • • •		•••••	•••••	• • • • • • •	•••••		
CALM	1//////	//////	111111	///////	//////	(111/11)	//////	///////	///////	//////	(1111111	11.2	/////	111111
TOTALS	60.4	23.9	4.1	.4								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900 ······

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: NOV HOURS: 03-05

					WIND S	PEED IN	KNOTS		• • • • • •	•••••			• • • • • •	
DIRECTION (DEGREES)	1-4	5-9	10-14	15 - 19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MIND	MEDIAN WIND
(N) 350-010	_4	• • • • • •	•••••					•••••		• • • • • •	•••••	.4	2.0	1.5
020-040	.2											.2	2.0	2.0
050-070	1.1	.4	.1									1.7	4.2	2.0
(E) 080-100	2.1	2.8	.8									5.7	5.8	5.0
110-130	20.0	11.8	2.3	.3	.1							34.6	4.9	4.0
140-160	23.9	11.8	.7									36.3	4.1	4.0
(S) 170-190	3.2	1.1	.3	.2								4.9	4.6	4.0
200-220	1.1	.2	.2	.1								1.7	5.5	3.0
230-250	1.3	.2										1.6	3.6	4.0
(W) 260-280	.6											.6	2.4	2.0
290-310	.4	.1										.6	3.8	2.0
320-340	.1											.1	2.0	2.0
VARIABLE	: [• • • • • •		• • • • • •	• • • • • • •			• • • • • • •			• • • • • • •		
CALM	///////	//////	//////	1111111	11/1///	'//////	//////	'//////	(//////	///////	'//////	11.8	/////	/////
TOTALS	54.4	28.4	4.4	.6	.1							100.0	4.0	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89 MONTH: NOV HOURS: 06-08

TO UTC: +	7 MONTH:	NOV

													-	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35 - 39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	ļ	• • • • • •	• • • • • •		• • • • • •				• • • • • •		• • • • • •	• • • • • • • •		•••••
020-040	.6	.1										.7	2.5	2.5
050-070	.8	.2	.3									1.3	5.5	3.5
(E) 080-100	3.7	2.1	.4									6.2	4.7	4.0
110-130	14.7	9.8	3.4	.3								28.2	5.4	4.0
140 - 160	23.0	15.6	1.2									39.8	4.6	4.0
(S) 170-190	4.1	1.4	.1									5.7	3.7	3.0
200-220	2.1	.4	.2	.1								2.9	4.4	3.0
230-250	.4	.2	.2									.9	5.5	4.5
(W) 260-280	.2	.4										.7	5.0	6.0
290-310	.6	.7	.1									1.3	5.5	5.0
320-340	.2	.1										.3	4.7	4.0
VARIABLE	!	· · · · · ·				• • • • • • •	•••••		• • • • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••
CALM	1//////	//////	///////	1111111	/////	///////	//////	///////	//////	(111111	//////	/ 12.0	/////	111111
TOTALS	50.4	31.0	5.9	.4								100.0	4.2	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89
MONTH: NOV HOURS: 09-11

TO UTC: + 7	MONTH: NOV
-------------	------------

	• • • • • • • •	•••••		• • • • • •	WIND SI	PEED IN	KNOTS	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •
DIRECTION (DEGREES)	1-4 }	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.7		• • • • • • •		•••••	• • • • • •	• • • • • •	•••••	• • • • • • •			.7	2.2	2.0
020-040	8.	.2										1.0	3.6	3.0
050-070	1.6	.9	.6									3.0	5.2	4.0
(E) 080-100	3.9	2.7	.8	.1								7.4	5.3	4.0
110-130	8.4	6.2	4.2	1.3	.4							20.7	6.9	6.0
140 - 160	11.1	8.0	1.0									20.1	4.7	4.0
(S) 170-190	8.1	3.3	.1									11.ó	3.8	4.0
200-220	2.7	1.0	.4									4.1	4.8	4.0
230-250	1.0	.4	.1									1.6	4.0	3.0
(W) 260-280	2.7	.9	.3	,1								4.0	4.5	3.0
290-310	1.4	1.8	.7	.1								4.0	6.1	6.0
320-340	1.9	.6	.1	.1								2.7	4.3	3.0
VARIABLE	! 	• • • • • •	•••••	••••		• • • • • •	••••	• • • • • •	• • • • • • •		• • • • • •	•••••	• • • • • •	•••••
CALM	//////	//////	//////	//////	//////	//////	//////	1111111	///////	///////	1111111	19.2	1/1/1/	111111
TOTALS	44.3	26.0	8.3	1.7	.4							100.0	4.2	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7	MONTH: NOV	HOURS: 12-	14

		• • • • • •	• • • • • •	• • • • • • •	WIND S	PEED IN K	 Knots	• • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •		• • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10 - 14	15-19	20-24	25-29 3	30-34	35 - 39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.3	.8	• • • • • •				• • • • • •		•••••	•••••		5.1	3.1	3.0
020-040	2.3	.2	.2									2.8	3.6	3.0
050-070	1.4	1.6	.9	.3	.1							4.3	7.5	6.0
(E) 080-100	2.0	1.3	.3									3.7	4.9	4.0
110-130	2.1	3.6	3.4	1.0	.4							10.6	9.1	8.0
140-160	1.8	1.8	.8	. 1	.1							4.6	6.5	6.0
(S) 170-190	1.4	.8	.8	.2								3.2	6.8	5.0
200-220	1.9	1.8	2.0	.3								6.0	7.4	8.0
230-250	2.2	2.7	1.0	.1								6.0	6.1	5.5
(W) 260-280	4.8	2.7	1.2	. 1								8.8	5.2	4.0
290-310	6.1	5.2	1.7	.3								13.3	5.6	5.0
320-340	7.0	4.6	1.0									12.6	4.7	4.0
VARIABLE	! !	· • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••			•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		•••••
CALM	! !//////	//////	//////	//////	//////	/////////	//////	//////	//////	1111111	1111111	19.1	/////	/////
TOTALS	37.3	27.1	13.3	2.4	.6							100.0	4.8	5.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89

MONTH: NOV HOURS: 15-17

				•••••	WIND S	SPEED IN	KNOTS	• • • • • •	• • • • • •			• • • • • •		• • • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN DRIW
(N) 350-010	4.9	1.3	• • • • • •		•••••	• • • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •		6.2	3.6	4.0
020-040	1.8	1.0										2.8	4.1	4.0
050-070	1.7	1.2	1.7	.1	.2							4.9	7.4	7.0
(E) 080-100	2.0	2.0	.7									4.7	5.9	5.5
110-130	1.2	1.9	1.6	.2								4.9	8.0	8.0
140-160	.4	.4		.1								1.0	5.6	5.0
(S) 170-190	.3	.3		. 1	. 1							.9	8.1	6.0
200-220	1.2	2.0	1.3	.4	.1							5.1	8.4	8.0
230-250	1.2	2.1	1.7									5.0	7.2	7.0
(W) 260-280	1.9	3.0	1.8	.1								6.8	7.2	7.0
290-310	6.8	11.4	3.0	.3								21.6	6.4	6.0
320-340	12.0	13.8	2.0	.1								27.9	5.3	5.0
VARIABLE	: !				• • • • • •		•••••		• • • • • •	• • • • • •		• • • • • • • •		
CALM	1111111	//////	(//////	1111111	//////	////////	//////	(//////	()))))))	111111	(///////	8.3	/////	111111
TOTALS	35.4	40.4	13.8	1.4	.4							100.0	5.6	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: NOV HOURS: 18-20

		LS	T TO UT	C: + 7					MONTH	: NOV	HOURS	s: 18-20	0	
DIRECTION (DEGREES)	1-4	5-9	10-14	15 - 19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	.1		•••••	•••••		• • • • • • •	•••••	•••••		•••••	1.1	2.8	2.0
020-040	2.0	.2										2.2	3.3	3.0
050-070	2.1	3.2	.9	.1								6.3	6.5	6.0
(E) 080-100	2.4	3.0	.7									6.1	5.5	5.0
110-130	2.7	1.2	.3	.3								4.6	5.2	4.0
140-160	3.4	.6	.1									4.1	3.0	2.0
(S) 170-190	4.0	1.1		.1	.1							5.3	4.1	3.0
200-220	1.7	.8	.1		.1							2.7	4	3.0
230-250	2.9	1.0	.3									4.2	4.0	3.0
(w) 260-280	4.4	1.1	.3									5.9	3.7	3.0
290-310	13.4	5.6	1.3									20.3	4.4	4.0
320-340	8.9	1.9		.1								10.9	3.5	3.0
VARIABLE	1	• • • • • •			• • • • • • •				• • • • • • • • • • • • • • • • • • • •	• • • • • •				
CALM	1111111	///////	//////	1111111	111111	///////	//////	///////	(//////	//////	'//////	26.2	/////	/////
TOTALS	48.9	19.8	4.0	.6	.2							100.0	3.2	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: NOV HOURS: 21-23

		LS	T TO UT	C: + 7					MONTH	1: NOV	HOUR	s: 21-2	3	
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED 1N 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	1 .1	.1					•••••					.2	4.5	4.5
020-040			.2									.2	10.0	10.0
050-070	8.	.7	.2									1.7	5.1	5.0
(E) 080-100	3.2	3.0	.4									6.7	5.2	5.0
110-130	18.0	6.6	1.2	.2								26.0	4.4	4.0
140-160	22.9	2.9	.1									25.9	3.2	3.0
(S) 170-190	8.7	1.2										9.9	2.9	3.0
200-220	4.0	.3	.2									4.6	3.3	2.0
230-250	1.9	.3	.1									2.3	3.4	2.0
(W) 260-280	2.7	.2			.5							3.1	4.5	3.0
290-310	.8	1.3	.4		.1							2.7	6.4	6.0
320-340	.6	.2	.2									1.0	5.2	4.0
VARIABLE	 	• • • • • •	• • • • • •	•••••	• • • • • • •		• • • • • •	• • • • • •	• • • • • •		• • • • • •	•••••		•••••
CALM	1111111	//////	1111111	1111111	//////	///////	//////	(//////	(((((((//////	///////	15.8	/////	111111
TOTALS	63.7	16.8	3.0	.2	.3							100.0	3.3	3.0
			to	TAL NUR	BER OF	OBSERVA	TIONS	900						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7	MONTH: NOV	HOURS: AL
LST TO UTC: + 7	MONTH: NOV	HOURS: AL

••••••		•••••	• • • • • •	• • • • • •		PEED IN			• • • • • • •	• • • • • •	•••••	• • • • • • •	· • • • • •	• • • • • • •
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.5	.3		•••••	•••••		•••••	•••••	•••••		•••••	1.8	3.2	3.0
020-040	1.0	.2	.1									1.3	3.7	3.0
050-070	1.2	1.1	.6	.1	.0		•					3.0	6.3	5.0
(E) 080-100	2.9	2.4	.6	.0								5.9	5.2	5.0
110-130	10.8	6.6	2.4	.5	.1							20.4	5.5	4.0
140-160	13.9	6.1	.6	.0	.0							20.6	4.1	4.0
(S) 170-190	4.5	1.3	.2	.1	.0							6.1	3.9	3.0
200-220	2.0	.8	.6	.1	.0							3.7	5.7	4.0
230-250	1.5	9	.4	.0								2.8	5.2	4.0
(W) 260-280	2.3	1.1	.5	.0	.0							3.8	5.1	4.0
290-310	3.8	3.3	.9	.1	.0							8.1	5.5	5.0
320-340	3.9	2.7	.4	.1								7.0	.8	4.0
• • • • • • • • • • • • • • • • • • • •	} · · · · · · · · ·													
VARIABLE	}													
CALM	///////	'/////	//////	//////	//////	///////	//////	'//////	///////	//////	///////	15.5	//////	//////
TOTALS	49.3	26.8	7.3	1.0	.1							100.0	4.1	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7

MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		• • • • •	• • • • • • •				• • • • • •								• • • • • • •
DIRECTION	1-4	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE (65	TOTAL	MEAN	MEDIAN
(DEGREES)		•••••	• • • • • •		•••••		• • • • • •	•••••	• • • • • •	• • • • • •	• • • • •		%	MIND	WIND
(N) 350-010					• • • • • •			•••••				• • • • •			•••••
020-040	5.3												5.3	2.0	2.0
050-070	5.3												5.3	4.0	4.0
(E) 080-100	! 														
110-130	! !														
140 - 160	5.3												5.3	2.0	2.0
(S) 170-190															
200-220	5.3												5.3	2.0	2.0
230-250	<u>,</u>														
(W) 260-280	ļ														
290-310	10.5	15.8	15.8										42.1	7.9	8.0
320-340	5.3		10.5	5.3									21.1	10.5	12.0
VARIABLE	! 		• • • • • • •		•••••		•••••		• • • • • •		• • • • •	• • • • •		• • • • • •	•••••
CALM	11111111	111111	11/1///	///////	//////	11111111	//////	(///////	//////	(111111	/////	///	15.8	//////	//////
TOTALS	37.0	15.8	26.3	5.3								1	00.0	6.1	8.0

PERCENTAGE FREQUENCY OF OCCURRENC SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

ST	TO UTC: + 7	MONTH: DEC HOURS	: 00-02

•••••			• • • • • • •	• • • • • •		PEED IN	KNOTS	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	.1	• • • • • •	•••••	• • • • • •	•••••		•••••	•••••		•••••	.6	2.2	2.0
020-040	.1											.1	3.0	3.0
050-070	.5	.5										1.1	4.8	4.5
(E) 080-100	3.8	2.3	.5	.1								6.7	4.7	4.0
110-130	19.7	11.2	2.3	.3								33.4	4.8	4.0
140-160	24.6	7.2	.3	.2								32.4	3.7	3.0
(S) 170-190	5.4	.3										5.7	2.6	2.0
200-220	1.1	.5										1.6	4.6	4.0
230 - 250	1.3	.4										1.7	3.3	2.0
(W) 260-280	8.	.3										1.1	4.1	4.0
290-310	1.1	.6										1.7	3.8	3.5
320-340	<u> </u> 	.2										.2	6.0	6.0
VARIABLE	! !		· · · · · · ·		•••••		• • • • • • •		• • • • • • •			• • • • • • •		
CALM	} ///////	111111	//////	//////	//////	1111111	1111111	'//////	'''''	//////	'//////	13.7	/////	/////
TOTALS	58.9	23.6	3.1	.6								100.0	3.6	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: DEC HOURS: 03-05

		LS	T TO UT	C: + 7					MONTH	: DEC	HOUR	s: 03-0	5	
DIRECTION (DEGREES)	•	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	.2		• • • • • • •			• • • • • •					1.0	3.0	3.0
020-040	.2											.2	1.5	1.5
050-070	.8	.2	.4									1.4	5.9	4.0
(E) 080-100	3.3	2.3	.3	.2								6.1	4.8	4.0
110-130	17.4	10.6	1.8	.5								30.4	4.9	4,0
140-160	22.8	10.8	1.3	.1								34.9	4.3	4.0
(S) 170-190	3.8	.1	.2									4.1	3.1	2.0
200-220	.4	.2	.1									.8	4.9	4.0
230-250	1.0	.2	.1	.1								1.4	4.9	4.0
(W) 260-280	.4	.3	.1									.9	5.1	4.5
290-310	.5	.2										.8	3.3	3.0
320-340	.2	.1										.3	3.3	4.0
VARIABLE	: 		•••••		••••		• • • • • •	• • • • • •	• • • • • • •			•••••		•••••
CALM	///////	(1/1///	///////	///////	//////	///////	111111	///////	(((((((//////	(//////	17.7	/////	//////
TOTALS	51.6	25.2	4.3	.9								100.0	37	4.0
			Tr	TAI NIM	IRED OF	OBSERVA	PACITA	930						

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7						MONTH	: DEC	HOUR	s: 06-08	3	, •			
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19		SPEED IN 25-29		35 - 39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	.1				• • • • • • •	• • • • • •		•••••		•••••	.4	3.3	2.5
020-040	.1	. 1										.2	5.0	5.0
050-070	.5	.4	.3	.1	.1							1.5	7.7	5.0
(E) 080-100	2.7	1.2	.6	. 1								4.6	5.4	4.0
110-130	15.2	12.4	3.3	1.0	.1							31.9	5.5	5.0
140-160	18.2	14.8	1.7	.2								34.9	4.8	4.0
(S) 170-190	3.3	1.3	.2									4.8	4.3	4.0
200-220	1.0	.4										1.4	3.5	3.0
230-250	.9	.2										1.1	4.0	4.0
(W) 260-280	1.0	.4										1.4	3.4	3.0
290-310	.2											.2	2.0	2.0
320-340	.2	.1	.1									.4	7.3	6.0
VARIABLE	! 						•••••	• • • • • • •		• • • • • •	•••••	• • • • • • •	• • • • • •	•••••
CALM	(////////	111111	//////	///////	111111	1111111	//////	///////	///////	//////	1111111	17.0	/////	/////
TOTALS	43.6	31.4	6.2	1.4	.2							100.0	4.2	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79- APR 89 LST TO UTC: + 7 MONTH: DEC HOURS: 09-11

		LS	T TO UT	C: + 7					MONTH	I: DEC	HOUR	S: 09-1	1	
DIRECTION (DEGREES)	1	5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010] .6	• • • • • •					•••••	•••••				.6	2.2	2.0
020-040	.6	.1	.1									.9	3.5	2.0
050-070	2.0	.2	. 1	.3								2.7	5.0	3.0
(E) 080-100	2.9	1.2	.3	.2								4.6	4.7	3.0
110-130	9.0	8.0	4.7	1.7	.8	.2						24.4	7.6	6.0
140 - 160	11.9	9.8	1.7	.4	.1							24.0	5.2	5.0
(S) 170-190	6.9	4.1	.2									11.2	4.0	4.0
200-220	1.8	1.6	.2	.2								3.9	5.3	5.0
230-250	.9	.3	.1									1.3	3.9	2.0
(W) 260-280	1.1	.9	.2									2.2	5.1	4.5
290-310	.4	.9	.2									1.5	5.9	6.5
320-340	1.5	.2										1.7	2.9	2.5
VARIABLE	!	• • • • • •	· · · · · ·		• • • • • • •		• • • • • •		• • • • • • • • • • • • • • • • • • • •			•••••		• • • • • • • • • • • • • • • • • • • •
CALM	11111111	///////	1111111	///////	//////	///////	//////	//////	///////	1111111	///////	21.1	111111	//////
TCTALS	39.6	27.3	7.8	2.8	.9	.2						100.0	4.5	4.0
			TO	MIN IAT	BER OF	ORSERVA	TIONS	nFQ						

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

			וט סז ד	-						: DEC	HOUR	s: 12-14	•	
DIRECTION (DEGREES)	•		10-14		WIND S	PEED IN	KNOTS			50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010] 2.6	.5	• • • • • •	• • • • • • •		• • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • • •	3.1	3.1	3.0
020-040	3.5	.5										4.1	3.1	2.5
050-070	2.6	1.1	.5	.2								4.4	5.6	4.0
(E) 080-100	3.0	2.2	.8	.1	.3							6.3	5.9	5.0
110-130	4.4	2.9	3.5	1.7	.3							12.9	8.5	8.0
140-160	2.2	1.6	.3	.1	.2							4.4	6.1	5.0
(S) 170-190	2.2	1.4	.5	.1	.1							4.3	5.8	4.5
200-220	1.7	1.1	1.1	.2								4.1	6.6	5.5
230-250	2.2	1.2	.8									4.1	5.1	4.0
(W) 260·280	4.0	1.4	1.1	.1								6.6	5.1	4.0
290-310	5.9	4.5	1.1	.2								11.7	5.1	4.0
320-340	6.2	4.4	.8									11.4	4.8	4.0
VARIABLE	; }				• • • • • •		• • • • • • •			• • • • • •				•••••
CALM	//////	//////	////////	///////	///////	!!!!!!	//////	///////	///////	//////	////////	22.6	/////	111111
TOTALS	40.5	22.8	10.5	2.7	.9							100.0	4.4	4.0

PECENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO LTC: + 7 MONTH: DEC HOURS: 15-17

		LS	T TO UT	C: + 7					MONTH	: DEC	HOUR	S: 15·17	7	
DIRECTION (DEGREES)		5-9	10-14	15-19		SPEED IN 25-29		35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	.2		•••••	•••••			• • • • • • •	•••••			3.1	2.8	2.0
020-040	1.8	1.1	.1									3.0	3.9	4.0
050-070	3.1	1.5	.9	.1								5.6	5.4	4.0
(E) 080-100	1.4	2.8	.5									4.7	5.9	6.0
110-130	1.5	1.1	2.5	.4								5.5	8.7	10.0
140-160	1.4	.3										1.7	3.4	3.0
(S) 170-190	.6	.2	.1									1.0	4.6	3.0
200-220	.4	1.1	.3									1.8	6.2	6.0
230-250	1.3	1.7	.6									3.7	5.9	5.0
(W) 260-280	3.0	2.2	1.3									6.5	5.5	5.0
290-310	9.6	8.8	1.4									19.8	5.3	5.0
320-340	14.2	10.9	1.3									26.3	4.8	4.0
VARIABLE				• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • • •			•••••		• • • • • •
CALM	1111111	///////	///////	///////	//////	///////	(//////	(//////	(1)1111)	///////	////////	17.3	111111	111111
TOTALS	41.2	31.9	9.0	.5								100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7	MONTH: DEC	HOURS: 18-20
UIND SDEED IN KNOTS		

•••••			• • • • • • •		WIND S	PEED IN	KNOTS	• • • • • • •	•••••	*****		• • • • • • •		•••••
DIRECTION (DEGREES)	7	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MED I AN WIND
(N) 350-010	2.3		.1	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •		2.4	3.0	2.0
020-040	1.4											1.4	2.2	2.0
05 0-070	1.6	1.7	.2	.1								3.7	5.5	5.0
(E) 080-100	4.0	2.8	.6									7.4	4.8	4.0
110-130	4.5	2.2	.6	.2								7.5	4.9	4.0
140-160	5.5	1.2	.2	. 1								7.0	3.6	3.0
(S) 170-190	2.6	.3	.2									3.1	3.6	3.0
200-220	1.2	.2	.2	.1								1.7	4.4	2.0
230-250	1.7	.2	.2									2.2	3.6	3.0
(W) 260-280	3.3	1.3	.2									4.8	3.6	3.0
290-310	11.1	3.4	.5	.1								15.2	4.0	3.0
320-340	9.5	2.0	.1									11.6	3.3	3.0
VARIABLE					• • • • • •		•••••	• • • • • • •	• • • • • •	•••••	• • • • • • •	•••••		• • • • • •
CALM	1111111	//////	111111	1111111	111111	///////	//////	///////	///////	111111	///////	32.0	/////	//////
TOTALS	48.7	15.3	3.1	.6								100.0	2.7	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: DEC HOURS: 21-23

		•••••	•••••		WIND S	PEED IN	KNOTS				•••••	• • • • • • •		• • • • • • •
DIRECTION (DEGREES)	1-4 	5-9	10-14	15-19	20-24	25 - 29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	• • • • • •	•••••		•••••	• • • • • • •	• • • • • •	•••••	• • • • • •			.2	3.5	3.5
020-040	.4											.4	2.0	2.0
050-070	.4	.2										.6	4.0	4.0
(E) 080-100	3.4	1.7	.8									5.9	4.8	4.0
110-130	18.7	8.2	2.0	.6	.1							29.7	4.7	4.0
140-160	22.9	4.4	.1									27.4	3.5	3.0
(S) 170-190	6.2	.3										6.6	2.8	2.0
200-220	3.0	.3										3.3	2.7	2.0
230-250	1.6	.2										1.8	2.8	2.0
(W) 260-280	1.4											1.4	2.4	2.0
290-310	.6	.5	.4									1.6	6.7	6.0
320-340	.9	.2	.2	.3								1.6	6.9	4.0
VARIABLE	 		******			•••••					• • • • • • •	• • • • • •	• • • • • •	•••••
CALM	///////	'/////	///////	///////	//////	//////	//////	///////	//////	///////	1111111	19.4	//////	//////
TOTALS	59.7	16.0	3.5	.9	.1							100.0	3.3	3.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TOTALS

48.1 24.2

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

100.0 3.8 4.0

STATION NUMBER	ATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 WIND SPEED IN KNOT									DEC	CORD:	: ALL	· APK &	39
DIRECTION	1-4				20-24	25-29	KNOTS 30-34		40-49	50-64		TOTAL	MEAN	MEDIAN
(DEGREES)	• • • • • • • •	• • • • • •				•••••						%	WIND	MIND
(N) 350-010	1.3	.1	.0	•••••	•••••	•••••	• • • • • •	• • • • • • •	• • • • • • •			1.4	2.9	2.0
020-040	1.0	.2	.0									1.3	3.2	2.0
050-070	1.5	.7	.3	. 1	.0							2.6	5.5	4.0
(E) 080-100	3.1	2.0	.6	.1	.0							5.8	5.1	4.0
110-130	11.3	7.1	2.6	.8	.2	.0						22.0	5.7	4.0
140-160	13.7	6.3	.7	. 1	.0							20.8	4.3	4.0
(S) 170-190	3.9	1.0	.2	.0	.0							5.1	3.7	3.0
200-220	1.3	.7	.2	.1								2.3	4.9	4.0
230-250	1.3	.6	.2	.0								2.2	4.5	3.0
(W) 260-280	1.9	8.	.4	.0								3.1	4.6	4.0
290-310	3.7	2.4	.5	.0								6.6	4.8	4.0
320-340	4.1	2.3	.3	.0								6.7	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

6.0 1.2 .2

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7

MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS

......

DIRECTION	1-4	5-9	10-14	15-19		25-29		35-39	40-49	50-64	GE 6	5 TOTAL	MEAN	MEDIAN
(DEGREES)			• • • • • •	•••••		•••••		•••••	•••••	• • • • • •	• • • • • •	%	WIND	WIND
(N) 350-010	2.1			•••••		• • • • • • •	• • • • • •		•••••	• • • • • • •	• • • • •	2.1	4.0	4.0
020-040														
050-070														
(E) 080-100		2.1										2.1	5.0	5.0
110-130														
140-160	2.1	2.1										4.3	5.0	5.0
(S) 170-190	4.3		2.1									6.4	5.3	4.0
200-220	2.1	2.1										4.3	5.0	5.0
230-250	8.5											8.5	2.5	2.5
(%) 260-280	4.3	2.1	2.1									8.5	5.3	4.5
290-310	10.6	4.3	2.1									17.0	4.4	3.0
320-340	17.0	4.3										21.3	4.3	4.0
VARIABLE	! 	•••••	• • • • • • •	•••••	· • • • • • • •			• • • • • • •	• • • • • •		• • • • •			•••••
CALM	1///////	/////	//////	///////	///////	///////	//////	///////	//////	(111111	/////	/// 25.5	/////	111111
TOTALS	51.0	17.0	6.3									100.0	3.3	4.0

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

			• • • • • •	• • • • • •	WIND S	PEED IN	KNOTS		• • • • • • •	• • • • • • •	•••••	• • • • • • •		• • • • • • •
DIRECTION	1-4	5-9	10-14	15 - 19	20 - 24	25 - 29	30-34	35 - 39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)							•••••	•••••		•••••	*******	%	UIND	WIND
(N) 350-010	1.3	.5	.1	.0				• • • • • •	• • • • • • •	•••••	• • • • • • •	1.8	3.8	3.0
020-040	1.0	.4	.1	.0	.0		.0					1.5	4.3	4.0
050-070	1.3	1.0	.4	.1	.0	.0	.0					2.8	5.8	5.0
(E) 080-100	2.6	1.9	.4	.1	.0	.0	.0					5.0	5.2	4.0
110-130	9.2	5.6	1.8	.4	.1	.0			.0			17.1	5.4	4.0
140-160	12.8	5.6	.6	.1	.0	.0						19.1	4.2	4.0
(S) 170-190	4.7	1.8	.4	.1	.0	.0						7.0	4.3	4.0
200-220	2.5	1.6	1.0	.2	.0	.0	.0					5.3	6.2	5.0
230-250	2.4	1.9	.8	.1	.0							5.2	5.8	5.0
(W) 260-280	2.9	2.5	.7	.0	.0		.0					6.0	5.4	5.0
290-310	3.9	3.8	1.0	.1	.0							8.8	5.5	5.0
320-340	3.0	2.8	.7	.1	.0							6.5	5.4	5.0
VAR LABLE]	• • • • • •			• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •		• • • • • •	
CALM	11/////	//////	(11111)	(//////	///////	(//////	//////	//////	//////	(((()))	////////	13.8	/////	//////
TOTALS	47.6	29.4	8.0	1.3	. 1							100.0	4.4	4.0
			ŦC	TAL NU	BER OF	OBSERV	ATIONS:	87665						

C - 4 - 121

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: AY 79 - APR 89

LST TO UTC: + 7 MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

						PEED IN						• • • • • • •		
DIRECTION	1-4	5-9	10.14	15-19 	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)	l											%	WIND	WIND
(N) 350-010	3.0	1.2	•••••			•••••		•••••	•••••	•••••	•••••	4.2	3.6	3.0
020-040	1.2	.6										1.8	3.3	2.0
050-070	1.2	.6				.6						2.4	9.8	5.0
(E) 080-100	3.6	1.2										4.8	3.6	3.5
110-130		.6										.6	6.0	6.0
140-160	2.4	1.8	.6									4.8	5.3	4.5
(S) 170-190	3.0	.6	.6		.6							4.8	6.5	4.0
200-220	1.8	2.4			.6							4.8	7.1	5.5
230-250	3.6											3.6	2.3	2.0
(W) 260-280	3.0	1.8	1.8	.6								7.2	6.6	6.5
290-310	9.0	6.0	4.2	.6								19.8	6.5	6.0
320-340	7.8	3.6	2.4	1.2								15.0	6.4	4.0
VARIABLE	ı I		• • • • • •		• • • • • • •	•••••			• • • • • • •					• • • • • • •
CALM	<i> </i> 	(/////	1111111	1/////	11/1/1/	11/////	//////	'''''	11/1///	1111111	'//////	26.3	11/1//	777777
TOTALS	39.6	20.4	9.6	2.4	1.2	.6						100.0	4.3	4.0
			70	TAL MILIE	DED OF	ODSEDVA	TIONS.	147						

TOTAL NUMBER OF OBSERVATIONS: 167

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PPPPPPPP PPPPPPPPP		AAAAA		RRRRRRRR		***************************************	00000000		
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PP	PP	AA	AA	RR	RR	TT	OD	DD	
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	PPPPPPPP		AAAAA	RRRR	RRRR	ΤT	DD	DĐ	
PP		AAAAA	AAAAA	RR	RR	77	DD	DD	
PP		AA	AA	RR	RR	ΤΤ	DD	DD	
PP		AA	AA	RR	RR	TT	DDDDDI	ODDD	
DD .		AA	AA	RR	RR	TT	DDDDDI	ODDD	

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION

OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET
"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES

(METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE

TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- B' MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN

- NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."
- NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.
- CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .860.71 NAUTICAL MILES.
 FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.
- SKY COVER--PERCENT OCCURRENCE FREQUENCY.

 ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE
 OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTMS FOR SYMOPTIC STATIONS, BUT
 AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURRED, OR TOTALLY
 OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES
 POF FOR SKY COVER GREATER THAN OME-HALF (I.E., 6/10). DATA IS SUMMARIZED THE
 SAME AS FOR PREVIOUS TABLE.
- NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

 0/8
 CLEAR

 1/8 THRU 4/8
 SCATTERED

 5/8 THRU 7/8
 BROKEN

 8/8
 OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING WERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JAN HOURS: 00-02 VISIBILITY IN STATUTE MILES CEILING GE GE GE IN FEET J GE GE GE GE G.E GF GE GE GE GE GE GE CE 3 3/4 5/8 5 4 2 1/2 2 1 1/2 1 1/4 - 6 1 1/2 3/8 1/4 Ω NO CEIL | 75.3 75.3 75.3 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 GE 200001 78.9 78.9 78.9 78.9 79.0 79.0 79.0 79.0 79.0 79.0 79.0 79.0 79.0 79.0 79.0 79.0 GE 18000 79.0 79.0 79.0 79.0 79.1 79.1 79.1 79.1 79,1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.0 79.1 GE 16000| 79.0 79.0 79.0 70.1 79.1 79 1 79.1 79.1 79.1 79.1 79.1 79.1 79.1 70 1 GE 14000 79.4 79.4 79.4 79.4 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5 79.5 81.8 81.8 GE 12000 81.6 81.6 81.6 81.6 81.8 81.8 81.8 81.8 81.8 81.8 81.8 81.8 81.8 81.8 GE 10000 84.7 84.7 84.7 84.7 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 GE 9000 85.9 R5.9 85.9 86.1 85.9 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.0 86.0 86.0 86.0 86.2 86.2 8000 86.2 86.2 GE 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.9 7000 i 86.7 86.7 86.9 86.9 86.9 86.9 GF 86.7 86.7 86.9 86.9 86.9 86.9 86.9 86.9 86 0 GE 6000| 89.2 89.2 89.2 89.2 89.5 89.5 89.5 89.5 39.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 GE 5000 94.7 94.7 94.8 94.9 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.7 45001 95.3 95.3 95.4 95.5 95.7 95.7 GE 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 4000 98.2 98.2 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.5 98.3 98.4 98.6 98.6 98.6 98.6 GE 3500 i 98.7 98.7 98.8 98.9 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 GE 99.1 99.2 99.2 99.5 99.7 99.7 99.7 99.7 99.7 3000 i 99.4 99.7 99.7 99.7 99.7 99.7 99.7 ĠΕ 99.7 GΕ 25001 99.4 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.4 99.5 99.6 99.8 99.8 99.8 99.8 2000 99.4 99.8 99.8 99.8 99.8 99,8 GE 99.8 99.8 99.8 18001 99.4 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 1500 99.4 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE GE 12001 99.4 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.4 99.5 99.6 99.8 GE 10001 99.4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 900 | 99.4 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 99.8 99.8 99.8 99.8 99.6 99.8 99.8 99.8 800 99.4 99.4 99.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 700 | 99.4 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE GE 6001 99.4 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 500| 99.4 99.4 99.5 99.6 99.8 99.8 99.8 99.8 GE 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 930

99.4

99.4

99.4

99.4

99.5

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99.5

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: JAN HOURS: 03-05

				LST	to uto	: + 7					MONTH	: JAN	HOURS	3: 03-05	5		
CETLIN	• • • • •	· · · · ·	• • • • • •	•••••	• • • • • • •	• • • • • • •	VICIPII	17V IN	STATIST	MILEC		• • • • • •			• • • • • •	• • • • • •	
CEILIN		SE .	GE	GE	GE	GE	GE	GE	STATUTE	GE	GE	GE	GE	GE	GE	GΞ	GE
FEET		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
												3,4		.,.	3,0		
	1																
NO CEI	- 74	. 1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 200	20 78	3.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78 5	78.6	78.6	78.6	78.6
GE 180	00 i 78	3.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
GE 160	00 j 78	3.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
GE 140	00 j 78	3.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
GE 120	00 80	0.9	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
GE 100) 20 84	4.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
	00 85		85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 800	00 86	5.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
	00 8 6		86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 600	00 89	2.2	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
CT F0	201.03		07.0	07.0	0/ 0	0/ 1	0/ 1	0/ 1	0/ 1	0/ 1	0/ 4	0/ 1	0/ 1	0/ 3	0/ 3	04.5	o. 3
	00 93		93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
	00 94 00 98		94.9	94.9	95.1 98.1	95.2 98.2	95.2 98.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
			98.0	98.0				98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
	30 98 30 98		98.3 98.7	98.3 98.7	98.5 98.9	98.6 99.0	98.6 99.0	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 30	101 90	3.1	90.7	90.1	90.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 25	00 98	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 20	00 98	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 18	00 98	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 15	00 j 98	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 12	98 00	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 10) 00 98	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
	ooi 98	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 80	00 Í 98	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 70	ooi 98	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 6	98 00	3.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 50	 00 98	2 0	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
	00 98		99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
	00 98		99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
	30 J 98		99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
	001 98		99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 11		,,,	****	77.1	77.4	77.0	77.0	77.0	77.0	,,.0	,,,,	,,.0	77.0	100.0	100.0	100.0	,00.0
GE O	00 98	3.9	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
												<i></i>					

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JAN HOURS: 06-08

				LSI	10 010	• /					HON I II	: ,JAN	HUUKS:	00-08			
CEI	CEILING VISIBILITY IN STATUTE MILES																
i	N I	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
NO	CEIL	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8
NO	1	, 3.4	,3.5	73.5	13.7	,,,,	,,,,	, , , ,	, , , ,	13.1	13.1	13.1	73.7	13.1	13.1	73.0	73.0
	50000		77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1
	18000		78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78. 2	78.2	78.2	78.2	78.3	78.3
	16000		78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
GE	14000	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1
GE	12000	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.5	81.5
GE	10000	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.3
GE		85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9
GE		86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.0
GE		87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.7	87.7
GE		89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.0
GL	0000	07.0	G7.7	07.1	07.7	07.7	07.7	07.0	37. 8	07.0	07.0	07.0	07.0	07.7	07.7	7.7.0	70.0
GE	5000	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.7	93.7
GΕ	4500	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.2	95.2
GE	4000 i	97.1	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8
GE	•	97.6	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4
GE	•	98.0	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8
					, •••						,,,,,					,,,,	, , , ,
GE	2500	98.2	98.6	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.4
GE	2000	98.2	98.7	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5
GE	1800	98.2	98.7	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5
GE	1500 j	98.2	98.7	99.0	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE	1200	98.2	98.7	99.0	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE	1000	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.6	94.6	99,7	99.7	99.7	99.8	99.8	99.9	99.9
GE	•	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
		98.3		99.1	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7				99.9
GE		98.3	98.8	99.1	99.1	99.4								99.8	99.8	99.9	
GE			98.8				99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE	onn i	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE		98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE	400	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE	300	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.u
GE	200	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE	100 i	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
	ì								•				•				
GE	000	98.3	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JAN HOURS: 09-11

			LST	10 010	:: + 7					MONT	H: JAN	HOURS	: 09-11			
CEILING		• • • • • • •				VISIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	• • • • • •				• • • • • •
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
NO CEIL	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	İ															
GE 20000		80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 18000	•	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 16000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 14000	•	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 12000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 10000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 8000	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4
	90.2	90.2	90.2	96.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
	1						,	, =		,	,	,2.0	,	,,,,	,	,
GE 5000	95 2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE 4000	97.5	97.5	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
	97.6	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 3000	97.6	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
GE 2500)) 97.8	97.8	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
	98.2	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
	98.2	98.2	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
	98.3	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
	98.3	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
	j															
	98.4	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
	98.4	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
	98.4	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
	98.4	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 600	98.4	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	98.4	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
	98.4	98.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
	98.4	98.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
	98.4	98.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
	98.4	98.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	29.9	100.0	100.0
		. 3. 4			• •	• •			, ,					,		
GE 000	98.4	98.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JAN HOURS: 12-14

				F21	10 10:	* /					mon in	JAN	HOUKS:	12-14			
CF I	LING			• • • • • • •		• • • • • • •			STATUTE		• • • • •	•••••	• • • • • •				• • • • • •
	N i	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET I	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
				.													
• • • •	1																
NO	CEIL	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	i																
GE	20000	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE	18000 j	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GΕ	16000	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE	14000	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE	12000	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	j																
GE	10000	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE	9000	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE	8000	89. 0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89 🗋	89.2	89.2	89.2	89.2
GE	7000	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE	6000	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	!																
GE	5000	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	4500	96.0	96.2	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE	4000	97.7	98.1	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	3500	98.2	98.5	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GĒ	3000	98.4	98.7	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	2500	98.7	99.0	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	2000	98.7	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1800	98.7	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1500	98.7	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1200	98.7	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	- 1	[
GE	1000	98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0
GE		98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	98.7	99.ŭ	99.2	99.4	99.5	99.5	99,9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	700	98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	l																
GE	500	98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	98.7	49.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0
GE	200	98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	į																
GE	000	98.7	99.0	99.2	99.4	99.5	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
				. <i></i>													

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: JAN HOURS: 15-17

				LST	TO UT	: + 7					MONT	H: JAN	HOURS	S: 15-17	7		
	LING				• • • • • • •	• • • • • • •	Wicipi.		CTATUT		• • • • • •			• • • • • •		• • • • • •	• • • • • •
LE I		GE	GE	GE	GE	GE	GE	GE	STATUTE GE	GE	GE	GE	GE	GE	GE	GE	GE
FE		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
									1 1/2					1/2			
NO	CEIL	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
	!							_	_	_	_						
	20000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	18000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
	16000		78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
	14000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE	12000	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	10000	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	,	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE	8000		87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE		88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE		91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE	0000	11.0	71.7	71.7	71.7	,,,,	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE	5000	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE		96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	4000	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE		98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE		98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
		1															
GE	2500	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	2000	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1800	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1500	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1200	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	Ì	1															
GE	,	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	600	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	5001	00.0	00.5	00 (00 (00.7	00.3	AA 3	00.7	00.3	20.0	00.0	00.0	400 0	400.0	400.0	400.0
GE	•	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE		98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE		98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE		98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE	100	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE	0001	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	00.9	100.0	100.0	100.0	100 0
GE.	0001	70.7	YY.3	99.0	yy.0	yy./	77.1	77.1	77.1	77.1	77.0	77.0	77.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D · 2 · 6

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JAN HOURS: 18-20

				LSI	10 010	: + /					HUNIT	: JAN	HOUKS:	10.50			
CEI	LING			• • • • • • •		• • • • • •	VISIBIL	ITY IN	STATUTE	MILES	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •
1	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		• • • • • •															
	ce i i	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70 1	70.1	70.4	70.1	70.1	70.1	70.1	70.1
NU	CEIL	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
	20000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
ĢΕ	18000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GΕ	16000]	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE	14000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE	12000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GF	10000	84.4	84.4	34.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE	•	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE	10000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	90.6	70.0	70.0	70.0	70.0	70.0	70.0
GΕ	5000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GΕ	4500	95.8	95.8	95.9	95.9	95.9	95.9	95,9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	40001	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	,	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE		98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	988
		10.0	,,,,		,0.0		, , , ,		.0.0	,0.0	,0.0	70.0	70.0	,,,,	,,,,	70.0	,55
GE	2500	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GΕ	2000]	98.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1800	98.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1500	98.4	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1200	98.4	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	10001	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	,	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	,			-													
GE	000	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	•	98 .5	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	400	98.5	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99,9	99.9	99.9
GE	300	98.5	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	200	98.5	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	98.5	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	000	98.5	99.0	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
									• • • • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •					

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: JAN HOURS: 21-23

				LS	TO UT	C: + 7					MONT	H: JAN	HOURS	s: 21-23	5		
		• • • • • •			• • • • • •								• • • • • •	• • • • • • •		• • • • • •	• • • • •
CEILII	NG I	C.F.	GE	CE	GE	CE			N STATUT			cr	c.c	65	c.r	0.5	c -
IN	- 1	GE 7	6	GE 5	4	GE 3	GE 2 1/2	GE 2	GE	GE	GE 1	GE	GE 5 (9	GE	GE 7 (0	GE	GE
FEET	1	′	0	,	4	3	2 1/2	. 2	1 1/2	1 1/4) 1	3/4	5/8	1/2	3/8	1/4	0
			• • • • • • •							• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
NO CE	r,	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
NO CE		, , , ,	11.7	,	12.0	,	12.0		72.0	, 2.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 200	ດດດ່	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 180			76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 160			76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 140			77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 120	,		80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GC		00.				00.2	00.2	٠٠.٤	90.2	00.2	90.2	00.2	00.2	00.2	00.2	00.2	00.2
GE 100	000	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
		85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
		85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
		86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
	,	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
	1													• • • • • • • • • • • • • • • • • • • •			
GE 50	000 i	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4!	500 j	94.0	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
		97.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 35	500 Í	97.8	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
		98.4	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	ì											•			-	-	
GE 25	500 j	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 20	000 j	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 18	800 j	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 15	500 j	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 12	200 j	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	Ì																
GE 10	000	98.9	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE S	900 j	98.9	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 8	800	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	700	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 6	1000	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9	99.9	99.9
	1																
GE S	500	99.2	99.4	99.8	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	•	99.2	99.4	99.8	100.0	100.0			100.0		100.0	160.0	100.0	100.0	100.0	100.0	100.0
		99.2	99.4	99.8	100.0	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	- 1	99.2	99.4	99.8	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE '	100	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1																
GE (0001	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	· · · · ·				• • • • • •											 .	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JAN HOURS: ALL

						•					· · ·		ONO.				
CEI	LING		• • • • • • • •	• • • • • • •	•••••		VISIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •
	N }	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET I	7	6	5	4	3	2 1/2	2	_	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
, ,	,	'	·	•	~	,	2 1/2	-	1 1/2	,-	•	3/4	3/0	1/2	3/0	1/=	Ū
• • •			• • • • • • • •			• • • • • •	• • • • • • •		· · · · · · · ·	• • • • • • •		• • • • • •			· · · · · · ·	• • • • • • •	• • • • • •
МО	CEIL (72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
NO	CETE !	72.3	12.3	12.5	12.5	16.5	12.5	16.5	12.5	12.3	12.5	12.5	12.5	12.0	72.0	72.0	12.0
CE	20000	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
	180001		78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
	16000		78.0	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	14000		79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
	,	l.															
ÜΈ	12000	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82. 2
GΕ	10000	05 /	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
	. ,	-															
GE	,	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE		87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	•	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	9000 l	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7
c.F	5000	0, ,	0//	0/ 6	0/ 4	0/ 4	0/ 4	0/ 4	0/4	0/ /	0/ /	0/ /	0/ 4	0/ 7	0/ 7	0/ 7	0/ 7
GE		94.4	94.4	94.5	94.6	94.6	94.6	94.6	946	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE	,	95.4	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE		97.6	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GΕ	,	98.0	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	3000	98.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE	25001	98.6	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE		98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
	,						· · · · ·										
GE		98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99 .5	99.5	99.5
GE		98.7	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE	1200	98.7	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE	1000	98.7	99.0	99.3	99.4	99.5	99.5	ن.99	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		98.7	99.0	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	,													99.7	99.7		
GE		98.8	99.0	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7			99.8	99.8
GE		98.8	99.0	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE	600	98.8	99.0	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE	5001	i 98.8	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		98.8	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		98.8	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
-				99.4	99.5	99.7	99.7	99.8		99.8	99.8	99.9	99.9	100.0		100.0	
GE		98.8	99.1						99.8						100.0		100.0
G€	100	98.8	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE	000	98.8	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	00 0	100.0	100.0	100.0	100.0
UC.	000	,,,,,,		,,,,,	77.3		7741					****	77.7				
		<i>.</i>														· · · · · ·	

TOTAL NUMBER OF JBSERVATIONS 7440

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: 00-02

				LST	TO UTO	: + 7					MONTH	: FEB	HOURS	: 00-02			
CEIL	ING		• • • • • • •		• • • • • •	• • • • • •	VISIBIL	ITY IN	STATUTE	MILES		• • • • • •	• • • • • •		• • • • • •	• • • • • •	
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	1																
NO C	EIL	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6
GE 2	l 1 0000!	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4
GE 1	6000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4
GE 1	4000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
GE 1	2000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9
CF 1	ן ו מממח:	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
	•	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
		90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
72			,,,,	,,,,	, , . .	,,,,	,,,,	,,,,	71.4	,,,,	71.4	, ı . -	,,,,	71.4	,,,,	,,,,	,,,,
GE	5000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
GE	4500 j	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2
GE	4000	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
GE	3500	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
GE	3000	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98 .0	98.1	98.1
GE	2500 I	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2
		98.5	98.5	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
		98.6	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
		98.7	98.7	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
		98.7	98.7	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
							•••										
		98.7	98.7	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		98.7	98.7	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	79.9	100.0	100.0
GE	600 J	98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	500	98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	100	98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	0001	98.7	98.7	99.4	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
					

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: 03-05

				L 3 1	10 010	• • •					PION I I	. FEB	nooks.	. 03-03			
CEI	LING	• • • • • •	•••••	• • • • • • •		• • • • • •	VICTOR		STATUTE	MUEC	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •
	N (GE	G€	GE	GE	GE	GE	GE	GE	C E	GE	GE	GE	GE		05
		GE		GE 5		<u>وء</u> 3					GE		-		_	GE	GE
FE	E!	7	6	,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
•••	• • • • • • •	 I	• • • • • • •			• • • • • •	• • • • • • • •		• • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • •
МО	CEIL	76 /	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
NO	CEIL I	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	10.4	70.4	70.4	70.4	70.4	70.4	/0.4
GE	20000	80 A	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	8 0.6
	18000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
	16000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
	12000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
uc	120001	02.0	02.0	02.0	02.0	02.0	02.0	02.0	02.0	02.0	02.0	02.6	02.0	02.0	02.0	02.0	82.6
GF	10000	84. 2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE	,	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE		86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE		87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	•	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GC.	0000	50.7	00.7	07.0	37.0	47.0	57.0	37.0	07.0	67.0	67.0	69.0	87.0	67.0	97.0	67.0	67.0
GE	5000	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE	,	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE		95.1	95.1	95.6	95.6	95.6	95.6	95.6						95.6		_	
GE	•	96.0					96.6	96.6	95.6	95.6	95.6	95.6	95.6		95.6	95.6	95.6
	,		96.0	96.6	96.6	96.6			96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	3000	98.0	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GΕ	2500	98.1	º8.1	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE		98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		99.6
GE	,	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6 99.6	99.6
GE	•				99.3	99.6	99.6									_	
UE	1200	98.7	98.7	99.3	99.3	99.0	YY.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1000	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	,	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	,	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	•	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		99.6
UE	500}	70./	90.7	77.3	77.3	77.0	99.0	77.0	77.0	77.0	77.0	77.0	99.0	77.0	77.0	99.6	99.0
GE	5001	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	,	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	29.6	99.6	99.6	99.6	99.6	99.6	99.ć
		98.7	98.7		99.3	99.6	99.6	99.6					99.6			_	
GE GE		98.7	98.7	99.3 99.3	99.3	99.6	99.6	99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
	,	_															
GE	100	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	94.9
G€	000	98.7	98.7	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	100.0
υĘ	000	40.7	70./	77.3	77.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	100.0
• • •		• • • • • •		• • • • • •			• • • • • • • •	• • • • • •	• • • • • • •							• • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: 06-08

				LSI	10 01	C: + /					MONT	H: FEB	HOURS	s: 06-0	8		
CEI	LING	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	VISIBI	ITY IN	STATUT	E MILES	• • • • • •		• • • • • •		• • • • • • •	• • • • • • •	• • • • • •
1	N]	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G€	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
NO I	CEIL	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
		İ															
		80.8	80.8	8.08	80.8	8.08	80.8	8.08	8.08	80.8	8.08	80.8	80.8	80.8	80.8	80.8	80.8
		81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
	1	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
		82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	12000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE	10000	l 87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE		87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE	8000	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE		89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE	6000	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
		1															
GE	5000	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE	4500	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	4000	96.2	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	3500	96.9	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	3000	97.9	97.9	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	3500		00.0	00.4	00 5	98.8	00 n		00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	
GE		98.2	98.2	98.4	98.5	99.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE		98.7	98.7	98.9	99.2	99.5	99.5 99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE			98.7	98.9	99.2	99.5	99.5 99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE		98.7	98.7	98.9	99.2	99.5	-	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	1200	98.7 	98.7	98.9	99.2	77.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	1000	98.7	98.7	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE	900	98.7	98.7	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE	800	98.7	98.7	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GΕ	700	98.7	98.7	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GΕ	600	98.7	98.7	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
	500		00.7	00.0	00.3	00. /	00.0		00.0	22.4		00.0	00 /	20.0	00.0		
GE		98.7	98.7	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		98.7	98.7	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		98.7	98.7	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		98.7	98.7	98.9	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	98.7	98.7	98.9	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	000	98.7	98.7	98.9	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
		,															

TOTAL NUMBER OF OBSERVATIONS 849

D - 2 - 12

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: 09-11

				131	10 010	: + /					MONTE	1: FEB	HOOKS	: 09-11			
CEI	LING	• • • • • •	•••••	• • • • • • •	•••••	• • • • • •			STATUTI		• • • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •	
1	N Į	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
										· • • • • • •				
	ŀ																
NO	CEIF	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	!																
	20000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
	18000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7			80.7	80.7
	16000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
	14000		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE	12000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
0.5	10000	0()	0()	0/ 3	04 3	0/ 2	04.3	04.3	04.0	04.3	04.3	04.3	04.0	04.0	04.0	04.3	
	10000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE	9000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE	50001	95.4	95.5	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
		96.2	96.3	96.3	96.5	96.5	96.6	96.6	96.6		-		96.6	96.6	96.6	-	_
GE	,	97.4	97.5	97.5	97.8	97.8	97.9	97.9	97.9	96.6 97.9	96.6 97.9	96.6 97.9	97.9	97.9	97.9	96.6 97.9	96.6 97.9
GE		97.8	97.9	97.9	98.1	98.1	98.2						98.2				
GE		_	-			99.1		98.2	98.2	98.2	98.2	98.2		98.2	98.2	98.2	98.2
GE	3000 [98.5	98.6	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	25001	98.7	98.8	99,1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.2	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.2	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.	1200	,,,,	,,,,	,,,,	,,,,	,,,,		,	,,,,	,,,,	**.*	,,,,	,,,,	,,,,	,,,,		,,,,
GE	1000	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900 j	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.2	99.3	99.5	99.8	99.9	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0
GE	600 ĺ	99.2	99.3	99.5	99.8	99.9	100.0	100.0		100.0				100.0	100.0	100.0	100.0
	,	1															
GE	500	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200 į	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	İ	i															
GE	000	99.2	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: 12-14

			F21	וט טונ	.: + /					MUNI	H: FEB	HOURS	: 12-14	•		
CEILING		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	VISIBIL	ITY IN	STATUTE	E MILLS		• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •
I N	GE	GE	GE	GE	GE	GE	GE	GE	GE	ĢΕ	GE	GE	G E	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
NO CEIL	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.7	72 7	72.7
NO CETE	1 12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	72.3	12.3	12.3	72.3	72.3	72.3
GE 20000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 18000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 12000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 10000	1 86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
	, -				91.9											
GE 6000	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 5000	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 3000	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2500	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
	99.3			99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	-	99.9		99.9
GE 1200) 99.3 	99.4	99.6	77.0	77.0	77.0	99.0	99.8	99.8	99.0	77.7	yy.y	99.9	99.9	99.9	99.9
GE 1000	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	 99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	99.3	99.4	99.6	99.6	99.6	99.8	99.8		99.9	99.9	100.0	100.0		100.0	100.0	100.0
-	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9 99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
																100.0
	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0
GE 100	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS 849

0 - 2 - 14

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89
MONTH: FEB HOURS: 15-17

IN	 CE I	LING		• • • • • • •		• • • • • •		VISIBI	ITY IN	STATUT	MILES	• • • • • •				· • • • • •	• • • • • •	• • • • • •
FEET 7			GE	GE	GE	GE	GE						GE	GE	GE	GE	GE	GE
MO CEIL 69.3 69.3 69.3 69.3 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4			_															Ü
GE 20000 80.3 80.3 80.3 80.3 80.3 80.4 80.4 80.4 80.4 80.4 80.4 80.4 80.4																	• • • • • •	
GE 20000 80.3 80.3 80.3 80.3 80.3 80.4 80.4 80.4 80.4 80.4 80.4 80.4 80.4			:															
GE 10000 80.4 80.4 80.4 80.4 80.4 80.4 80.6 80.6 80.6 80.6 80.6 80.6 80.6 80.6	NO	CEIL	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000 80.4 80.4 80.4 80.4 80.6	GE	20000	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 14000 82.1 82.1 82.1 82.1 82.1 82.2 82.2 82.2	GE	18000	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 10000 85.7 83.7 83.7 83.7 83.7 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9	GE	16000	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 10000 86.9 86.9 86.9 86.9 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0	GE	14000	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	32.2
GE 9000 87.6 87.6 87.6 87.6 87.6 87.8 87.8 87.8	GE	12000	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 9000 87.6 87.6 87.6 87.6 87.6 87.8 87.8 87.8	GE	10000	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87 D	87.N	87.0	87. N	87. N	87.0	87.0	87.0
GE 8000 88.5 88.5 88.5 88.5 88.6 88.6 88.6 88.6																		87.8
GE 7000 89.8 89.8 89.8 89.8 89.9		,																88.6
GE 6000 92.2 92.2 92.2 92.2 92.3 92.3 92.3 92.3										_								89.9
GE 5000 95.2 95.2 95.2 95.2 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4																		92.3
GE 4500 95.5 95.5 95.5 95.5 95.8 95.8 95.8 95.8		j								_								
GE 4000 96.8 96.8 96.8 96.8 97.1	GΕ	5000	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3500 97.5 97.5 97.5 97.6 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1	GE	4500	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8		95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000 98.4 98.4 98.4 98.5 98.9 98.9 99.3 99.3 99.3 99.3 99.3 99.3	GE	4000	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2500 98.4 98.4 98.4 98.5 98.9 98.9 99.3 99.9	GE	3500	97.5	97.5	97.5	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000 98.8 98.8 98.8 99.1 99.5 99.9 99.9 99.9 99.9 99.9 99.9	GE	3000	98.4	98.4	98.4	98.5	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000 98.8 98.8 98.8 99.1 99.5 99.9 99.9 99.9 99.9 99.9 99.9																		
GE 1800 98.8 98.8 98.8 99.1 99.5 99.9 99.0 99.0 100.0																		99.3
GE 1500 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.							_							-				99.9
GE 1200 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.				-														99.9
GE 1000 98.9 98.9 98.9 99.2 99.6 99.6 100.0 10		,												-				100.0
GE 900 98.9 98.9 98.9 99.2 99.6 99.6 100.0	GE	1200	98.9	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100	GE	1000	98.9	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0
GE 700 98.9 98.9 98.9 99.2 99.6 99.6 100.0	GE	900	98.9	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600 98.9 98.9 98.9 99.2 99.6 99.6 100.0	GE	800	98.9	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100	GE	700	98.9	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 300 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 200 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE	600	98.9	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 300 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 200 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0																		
GE 300 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 200 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0		,																100.0
GE 200 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0		,	-													-		100.0
																		100.0
GE 100 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0																		100.0
,	GE	100	98.9	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000 98.9 98.9 98.9 99.2 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE	000	98.9	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: FEB HOURS: 18-20

			LSI	10 010	: + /					MONI	M: LER	HUUKS	: 10-20	,		
CEILING	•••••	• • • • • • •		•••••		VISIBIL	ITY IN	STATUTE	MILES	•••••		• • • • • •	• • • • • • •	• • • • • •		• • • • •
1 N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	· · · · · · ·	• • • • • •	• • • • • •	• • • • • •		• • • • •
NO CE !!	1 7/ 1	7/ 1	74.1	74.1	74.1	7/ 1	7/ 1	7/ 1	7/ 1	7/ 1	7/ 1	7/ 1	7/ 1	77/ 1	74 1	7/ 1
NO CEIL	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 20000	81.4	81.4	81.4	81.4	81.4	81.4	81,4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 18000	1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 16000	•	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 14000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 12000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	Ì															
GE 10000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 9000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 6000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	05.4	05.4	۰ ۵۰	05.4	05.4	05.4			05.4	or 4	05.4					
	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	96.6	96.6	96.6	96.6 97.1	96.6 97.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	97.1 1 98.0	97.1 98.0	97.1 98.2	98.5	98.5	97.1 98.5	97.1 98.5	97.1 98.5	97.1 98.5	97.1 98.5	97.1 98.5	97.1 98.5	97.1 /8.5	97.1 98.5	97.1 98.5	97.1 98.5
GE 2000	1 70.0	90.0	90.2	90.5	90.5	9 0.5	90.5	90.5	90.5	90.5	90.5	98.3	70.5	90.5	98.5	98.5
GE 2500	1 98.0	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	98.4	98.4	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	90.3	99.3	99.3
	98.4	98.4	98.7	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99 4	99.4	99.4	99.4	99.4
	98.5	98.5	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	98.5	98.5	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	i															
GE 1000	78.6	98.6	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.6	98.6	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.6	98.6	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	98.6	98.6	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.6	98.6	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
or F00	1 00 /	00.4	00.0	00.7	00.7	00.7	00.0	00.8	00.0	00.0	00.0	00.0	00.0	20.0	00.0	00.0
	98.6	98.6	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400		98.7	99.1	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
::-	98.7	98.7	99.1	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.7 198.7	98.7 98.7	99.1 99.1	99.4 99.4	99.4 99.4	99.4 99.4	99.9	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1 70./	70.7	77.1	77.4	77.4	77.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.C
GE 000	98.7	98.7	99.1	99.4	99.4	99.4	99.9	99.9	99.9	100 0	100.0	100.0	100.0	100 0	100.0	100.0
				,,, ,					.,,,,							

TOTAL NUMBER OF OBSERVATIONS 849

D - 2 - 16

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: 21-23

				LSI	to uto	. + 1					MUN I I	4: FEB	nouks	: 21-23			
CEILI	ING		• • • • • • •				VISIBIL	ITY IN	STATUTE	MILES		• • • • • • •		• • • • • • •		• • • • • • •	
IN FEET	T	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE O
NO CE	 E1L	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
SE 20	0000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 18	3000 j	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
SE 16	6000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
	•	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
SE 12	2000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 10	0000	87.9	٤7.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 9	9000 j	88.6	88.6	88. 6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 8	3000 F	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 6	5000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 5	ا 1 000 د	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
		96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
SE 4	4000 j	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
SE 3	3500	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3	3000	9 7.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2	ا 2500 ا	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	•	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1	1500	98.5	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1	1200	98.5	98.6	98.8	99.1	99.1	99.1	99,1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1	100C i	98.5	98.6	98.9	99.2	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	. ,	98.5	98.7	99.1	99.3	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	800	98.5	98.7	99.1	99.3	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	700	98.5	98.7	99.1	99.3	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	600	98.5	98.7	99.1	99.3	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	5001	98.6	98.8	99.2	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	98.6	98.8	99.2	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.6	98.8	99.2	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	•	98.6	98.8	99.2	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	98.6	98.8	99.2	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	98.6	98.8	99.2	99.4	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	2001	,0.0	,0.0		,,, ,	,,,,	,,,,		,,,,	,,,,,	.00.0	.00.0		,00.0	.00.0		,00.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: FEB HOURS: ALL

				LS	1 10 01	L: + /					MUNI	H: FEB	HOURS:	ALL			
	LING		•••••	•••••	• • • • • • •				STATUT	E MILES	• • • • • •			• • • • • • •	• • • • • •		• • • • • •
	N	GE	ĢĒ	GE 5	GE	GE	GE 3.1.2	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET) 7 	6		4		2 1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
MО	CEIL	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
NO		1 74.0	74.0	74.0	14.0	74.0	74.0	74.0	74.0	74.0	74.0	74.5	74.6	74.6	74.6	/4.0	74.0
	20000		81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE	18000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE	16000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	14000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	12000	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE	10000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GΕ	9000	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE	8000	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE	7000	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	6000	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	5000	94.8	948	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	4500	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	4000	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	3500	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	3000	98.1	98.1	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	2500	98.2	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	2000	98.7	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GΕ	1800	98.7	98.8	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	1500	98.8	98.9	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	1200	98.8	98.9	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	1000	98.8	98.9	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GΕ	900 j	98.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	800	98.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE	700	98.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE	600	98.8	98.9	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	500	98.8	98.9	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	400	98.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	300	98.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	200	98.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	100	98.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	000	98.9	98.9	99.2	99.4	99.6	99.6	99.9	99.	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS: 00-02

				LJ	10 010						HURLIN	II MAK	HUUK 3	. 00-02			
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	LING								STATUTE								
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
								• • • • • •									
		1															
NO	CEIL	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
		1															
GE	20000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE	18000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE	16000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	14000		84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
	12000		86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
G.	12000	1 00.0	00.0	٠٠.٠	00.0	00.0	00.0	۵۰.0	50.0	00.0	00.0	00.0	30 .0	00.0	00.0	30.3	60.6
C.F.	10000	1 00 7	00 7	88.7	88.7	88.7	88.7	88.7	00 7	90 7	00 7	00 7		00.7	00.7	00.7	00.7
		88.7	88.7						88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE	6000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
		}															
GE	5000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GΕ	4500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	4000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	3000	1	100.0		100.0	100.0	,00.0	.00.0	100.0	100.0	,00.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
															-	100.0	
GE		1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1															
GΕ	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
)															• -
GE	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		1100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1100.0															
GE	100	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		}															
GE	000	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • •				• • • • • •	· · · · · · ·			• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •				• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: MAR HOURS: 03-05

				rs	1 10 01	L: + /					MUNI	H: MAK	HOURS	s: 03-05	,		
CEI	LING	•••••	• • • • • • •	•••••						E MILES			• • • • • •	• • • • • •	• • • • • •		• • • • •
11	u 1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G€	GE	GE	GE	GE	GE
FEE	,	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
							- ,, - 					_, .					
	1							•									
NO (CEIL	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
	i																
GE 2	20000 j	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE '	18000 j	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE '	16000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE '	14000 İ	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	12000		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
	i																
GE	10000 [88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE	9000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	8.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	8000 i	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE	7000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	6000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	i																
GE	5000 i	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	4500	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE	4000		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	3500		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	3000		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	1	,,,,	,,,,	,,,,,	• • • • •			,		, , , , ,						.,.,	
GE	2500	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	2000		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	,	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1500		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200		99.9	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-					100.0			10010				,,,,,					100.0
GE	1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9		100.0	100.0				100.3			100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	100.0		100.0		100.0				100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9			100.0				100.0					100.0	100.0	100.0
GE		99.9					100.0							100.0		100.0	100.0
	240						,,,,,,				, , , , ,						
GE	5001	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9			100.0						100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9			100.0				100.0		100.0	100.0		100.0	100.0	100.0
GE		99.9	99.9							100.0				100.0	100.0	100.0	100.0
GE	,	99.9	99.9	100.0			100.0							100.0	100.0	100.0	100.0
0.	.00	, , , ,	,														
GE	000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		• • • • • • •															

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

LST TO UTC: + 7

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

CEIL		• • • • • •		• • • • • • •		• • • • • •	VISIBI	LITY IN	STATUT	E MILES		• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GΕ	GE
FEE			6	5	4	3	2 1/2		1 1/2	1 1/4		3/4	5/8	1/2	3/8	1/4	0
• • • • •	• • • • • • •									• • • • • • •						• • • • • • •	
NO C	EIL	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2	0000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1	8000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1	2000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1	0000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GΕ	9000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	8000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	7000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	6000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	5000 l	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
-	. ,	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	. ,	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GΕ	3500	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	3000	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	25001	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	,	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
		99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
c F	1000	00 /	00 /	00.7	00.7	00 n	00.0	100.0	100.0	400.0	400.0	100.0	400.0	100.0		100.0	100.0
GE GE	•	99.4 99.4	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.9 99.9	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0
GE	1	99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	77.4	77.4	77.1	77.1	77.0	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	- 1	99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1001	99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.4	99.4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	• • • • •	• • • • • •	• • • • • •		•••••	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	· · · · · · ·	• • • • •	•••••

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS: 09-11

				LS	זט טז ז	C: + 7					MONT	H: MAR	HOURS	: 09-11			
CEI	LING	• • • • • •	• • • • • •			• • • • • • •	VISIBI	LITY I	STATUT	E MILES	· · · · · · · · · · · · · · · · · · ·	• • • • • •	•••••	• • • • • • •	• • • • • •		• • • • • •
1	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	Š	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
• • •			• • • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •			• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • •
NC	CEIL	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
6 F	2000C	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
	18000		84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
	16000		84.1	8/1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
	14000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
	12000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE	10000	 90 3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE		90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	8000		90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
		١															
GE		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	-	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	3000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ	1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	10001	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.0	100.0
GE	900	99.9	99.9	100.0	100.0	100.0			100.0		100.0	100.0				00.0	100.0
GE	800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.9	99.9	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.9	99.9	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0
GE		99.9		100.0		100.0			100.0				100.0	100.0		100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0			100.0			100.0	100.0		100.0	100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9		100.0		100.0		100.0				100.0		100.0	100.0	100.0
-	,	1	,			,,,,,											
GE	000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
																 .	

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 22

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

:

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7

STATION NAME: DAVIS-MONTHAN AFB AZ
MONTH: MAR HOURS: 12-14

IN GE GE GE GE GE GE GE GE GE GE GE GE GE	CEILING	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	VISIRI		STATUT	F MILES		• • • • • •			• • • • • • •		• • • • • •
FEET 7 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 0 NO CEIL 73.3 73.4 73.4 73.4 73.4 73.4 73.4 73.4		l GE	GE	GE	GF	GF				-	GF	GE	GE	GE	GE	GE	GE
NO CEIL 73.3 73.4		·															
GE 20000 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1	1001	1 '					L 1/L					3/4	2,0	1/2	3,0	1,74	U
GE 20000 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1						• • • • • •			,	• • • • • •	• • • • • •	•••••				• • • • • • •	
GE 18000 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1	NO CEIL	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1	GE 20000	1 83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83. t	83.1	83.1	83.1	83.1	83.1
GE 16000 83.0 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1																	
GE 12000 85.8 85.9 85.9 85.9 85.9 85.9 85.9 85.9																	
GE 10000 87.8 88.0 88.0 88.0 88.0 88.0 88.0	GE 14000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
 GE 10000 87.8 88.0 88.0 88.0 88.0 88.0 88.0 88.0	GE 12000	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
		i															
	GE 10000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 9000 88.2 88.3 88.3 88.3 88.3 88.3 88.3 88.3	GE 9000	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 8000 88.7 88.8 88.8 88.8 88.8 88.8 88.8 88	GE 8000	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 7000 89.4 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5	GE 7000	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 6000 92.7 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8	GE 6000	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
§		1															
GE 5000 95.9 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96	GE 5000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500 96.1 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2	GE 4500	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000 97.7 97.8 97.8 97.8 97.8 97.8 97.8 97.8	GE 4000	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0	GE 3500	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000 99.7 99.8 99.8 99.8 99.8 99.9 99.9 99.9	GE 3000	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
i e e e e e e e e e e e e e e e e e e e		Ì															
GE 2500 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 2500	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 2000	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800 99.8 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 1800	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500] 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 1500	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 1200	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
j		j															
GE 1000 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 1000	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 900	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 800	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 700	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 600	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ì		Ì															
GE 500 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 500	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 400	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 300	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200 99.8 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 200	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 100	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
i		j															
GE 000 99.8 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	GE 000	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS: 15-17

				LST	TO UT	C: + 7					MONT	H: MAR	HOURS	S: 15-17	7		
CEILII	NG	•••••			• • • • • •	• • • • • • •	VISIBI	LITY IN	STATUT	E MILES	••••• :		• • • • • •	• • • • • •	• • • • •	· · · · · · ·	• • • • • •
IN	- 1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	į	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		• • • • • •	• • • • • • •		• • • • • •	- · · · · · ·	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	· • • • • • •			
NO CE	, !	70.5	70.6	70.6	70.6	706	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
110 00		, 0.5	70.0	, ,		, 00	70.0	70.0	70.5	70.0	70.0	, , , ,	70.0	70.0	70.0	70.0	70.0
GE 200	•		82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 180	,		82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 160	000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 141	1000	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 120	000	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 10) 1 000	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	•	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
		88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
		89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7				89.7			88.2
								93.8	-		89.7	89.7	89.7		89.7	89.7	89.7
GE 66	1000	93.7	93.8	93.8	93.8	93.8	93.8	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 50	000	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 45	500	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 40	000	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 35	500 j	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 30) 00C	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2!	i Son I	99.1	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		99.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.4	99.5	99.6	99.7	99.9	99.9	99.	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.4		99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		• -	
	,		99.5						-		-				99.9	99.9	99.9
GE 12	200 J	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	000	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE S	1000	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8	300	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7	700 İ	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6	500	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE 1	5001	99.5	99.6	00.7	00.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1			99.7	99.8	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.5	99.6	99.7	99.8	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	,	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.5	99.6	99.7	99.8	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	100	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE (1000	99.5	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS: 18-20

CE I	LING	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	VISIBII	LITY IN	STATUT	E MILES	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
•••		<i></i>	• • • • • •			• • • • • •	• • • • • • • • • • • • • • • • • • •			• • • • • • •			· • • • • •	· · · · · ·	 .	• • • • • •	• • • • • •
NO	CEIL	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE	20000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE	18000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
	16000		84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	14000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE	12000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE	10000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	9000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE	8000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	7000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	6000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	5000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	4500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	4000	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	3500	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	3000	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99. 7	99.7	99.7	99.7	99.7
GE		99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	2000	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1500	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1200	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.4	99.5	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢE	500	99.4	99.5	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAR HOURS: 21-23

				LS	1 10 01	U: + /					MONT	H: MAR	HOURS	s: 21-2.	3		
	LING		•••••						STATUTE		• • • • • •	• • • • • •		• • • • • • •	• • • • • • •	•••••	
	N [ET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE	GE ! 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GI I
										. 1 1/ 4							
NO	CEIL	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE	20000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
ĜΕ	18000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.
GΕ	16000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.
	14000		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.
GE	12000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.
GΕ	10000		90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.
GE	•	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.
GE		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.
GE		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.
GE	6000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.
GΕ		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.
GE		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.
GE		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.
GE	3500	•	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	28.9	98.9	98.
GE	3000	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
GΕ	2500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
GΕ	2000	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GΕ	1800	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.
GE	1200	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
ŝΕ	1000	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
ΞE	900	99.8	99.8	99.9	99.9	99.9	99.9	100.0		100.0	100.0	100.0	100 ^	100.0	100.0	100.0	100
GE	800	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.
GE		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.
3E	600	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100. 0	100.0	100.0	100.0	100.0	100.0	100.0	100.
E	500	99.8	99.8	99.9	99.9	99.9	99.9		100.0				100.0	100.0	100.0	100.0	100
GE		99.8	99.8	99.9	99.9	99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	. 1	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.
GE		99.8	99.8	99.9	99.9	99.9	99.9			100.0			100.0	100.0	100.0	100.0	100.
GΕ	100	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	000	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
		_															

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7

STATION NUMBER: 722745 PERIOD OF RECORD: MAY 79 - APR 89
MONTH: MAR HOURS: ALL

EILII	NG						VISIBIL	.ITY IN	STATUT	E MILES							
IN	- 1	GE	GΕ	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G
FEET	į	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	
• • • • •			• • • • • • •	• • • • • • •		• • • • • •		•••••	• • • • • • •						• • • • • •		• • • • •
IO CE	ונ	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.
SE 20	0000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
	1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.
		83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.
		84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.
GE 12	000	8 6.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.
SE 10	000	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.
	0000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.
	. ,	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.
		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.
SE 61	000	93 .6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.
SE 5	000	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.
SE 4	500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.
	,	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.
		98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.
3E 3	1 000	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.
	•	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
		99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.
	,	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.
	,	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
GE 1.	2001	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
		99.7	99.7	99.9	99.9	99.9		100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.
		99.7	99.7	99.9	99.9	99.9		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.
		99.7	99.7	99.9	99.9	99.9		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.
	,	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.
GE (1006	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
		99.7	99.7	99.9	99.9	99.9		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.
		99.7	99.7	99.9	99.9	99.9			100.0		100.0	100.0	100.0		100.0	100.0	100.
		99.7	99.7	99.9	99.9	99.9	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.
	. ,	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.
GΕ	100	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
SE !	000	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MOUTH: APR HOURS: 00:02

				LS.	T TO UT	C: + 7					MOUT	H: APR	HOURS	: 00-02			
CEL	LING	• • • • • •	• • • • • • •				VISIRU		STATUT	F MILES	• • • • •	· · · · · · ·	• • • • • •		• • • • • •	• • • • • •	• • • • • •
1		GE	GE	GE	GE	G E	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
															3,6	1/4	
	}																
NO	CEIL	84.0	84.0	84.0	84.0	84.0	84.0	84.Ú	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE	20000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE	18000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	16000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	14000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GΕ	12000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE	10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	952	95.2	95.2	95.2
GE	,	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
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GE	5000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
G.F.	4500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	4000	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	3500	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	92,2	99.2	99.2	99.2	99.2
GE	3000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	25001	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	,	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	•	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200]	77.0	77.0	77,7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	700.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	100.0	100.0						100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	100.0	100.0		100.0		100.0		100.0	100.0		100.0	100.0	100.0
GΕ	700	99.8	99.8	99.9	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	100.0	100.0				100.0			100.0		100.0	100.0	100.0
GE		99.8	99.8	99.9	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.8	99.8	99.9	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	100.0	100.0		100.0				100.0	100.0	100.0	100.0	100.0	100.0
JL	ויטטי	77.0	,,.0	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	,00.0	,,,,,,	,00.0	,,,,,	100.0	100.0
GΕ	000	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89
MONTH: APR HOURS: 03-05

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	LING								STATUT								
	N (GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
																	<i>.</i>
	1																
NO	CEIL	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	1																
O.E.	20000	88 7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
	180001		88.9	85.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	16000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
																	_
	14000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE	12000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
ĢΕ	10000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GΕ	9000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
ĢΕ	8000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GΕ	7000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GΕ	6000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	1																
GΕ	Sann	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
		98.8	98.8		98.8	98.8	98.8	98.8		98.8			98.8	98.8			98.8
GE	,			98.8					98.8		98.8	98.8		-	98.8	98.8	
GE		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	30001	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	2500 [99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	100.0			100.0		100.0		100.0		100.0	100.0		100.0	100.0	100.0
		1				,,,,,									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
GE	1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE				100.0	100.0	100.0	100.0	100.0	100.0								
		99.9	100.0							100.0	100.0	100.0	100.G	100.0	100.0	100.0	100.0
GE	1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	}																
GE	500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400]	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	30 0 i	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99,9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υĘ	1001	77.7	100.0	100.0	100.0	100.0	100.0	.00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
~~	000	00.0	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100 0	100.0	100.0	100.0	100.0	100.0
GE	ן טטט	99.9	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	16.0	100.0	100.0	100.0	100.0	100.0
						• • • • •	• • • • • •		• • • • • • •		• • • • • •		• • • • • •	• • • • • •		• • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: APR HOURS: 06-08

				LS	וזט טזו	C: + 7					MONT	H: APR	HOURS	: 06-08	3		
CEI	LING		• • • • • •	• • • • • •	• • • • • •		VISIBI	LITY IN	STATUT	E MILES	•••••	• • • • • •	• • • • • •	•••••		• • • • • •	• • • • •
i	N	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	Gξ	GE	GE
FE	ET .	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		: • • • • •			• • • • • •		•••••	• • • • • •			• • • • • •						
NO	CEIL	} 84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
NO	CLIL	04.7 	04.7	04.7	04.7	04.7	04.7	04.7	04.7	04.7	04.7	04.7	04.7	04.7	04.9	04.9	04.9
	20000	•	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
	18000	•	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
	14000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE	12000	91.6	91.6	91.6	91.6	91.6	91.6	1.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	10000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE	9000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GΕ	8000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	7000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	6000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	5000	 99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	4500		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.0	99.4
		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.4	99.4	99.4	99.4	99.4	99.4
GE																	
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	[100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GĒ	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000) 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		100.0		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ດດດ	 100 0	100.0	100.0	100.0	100.0	100.0	100 n	100 0	100.0	100 0	100.0	100.0	100.0	100,0	100.0	100.0
GL.		1,00.0											,00.0				,00.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: APR HOURS: 09-11

				1.51	10 010	u; + /					MUNIT	1: APR	nouk 5	: 09.11			
CE	LING	• • • • • •	• • • • • • •	• • • • • • •			VISIBIL	ITY IN	STATUTE	E MILES						• • • • • • •	• • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	ĜE	GE
	ET	7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
		,															
		ĺ															
NO	CEIL	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	20000	(89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	18000		89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	16000	•	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89,9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	14000	,	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	12000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	10000	07.4	07.	07.	07. /	07.4	07.		07. (07. (07.4		07.4	07.4			
	10000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
G€		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE	6000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	5000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	4500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98	98.2	98.2	98.2	98.2	98.2
GE	4000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98	98.8	98.8	98.8	98.8	98.8
GE	3500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	! 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0
		}							,,,,,,								
GE	1000	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5nn i	 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1
GE		1100.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
uc	1001	1	,00.0	100.0	700.0	100.0	,00.0	,00.0	,00.0	.00.0	100.0	,00.0	100.0	.00.0	.00.0	.00.0	100.0
GE	000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: APR HOURS: 12-14

				LS	10 011	C: + /					MONT	H: APR	HOURS	i: 12-14	•		
CEI	LING		•••••		• • • • • • •		VISIBI	LITY IN	STATUT	E MILES			• • • • • •	•••••			• • • • • •
1	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ΕT	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
										• • • • • •					. 		
	CF 1.		77 /	77.4	77 (77 (77 4	77 (77 /	77 /	777	77 (77 /	77 (22.	77 (77 /
NU	CEIL	11.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GF	20000	1 87 0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	18000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	14000	!	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE	12000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
		İ															
GE	10000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
ĢΕ	9000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE	8000		93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	7000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	6000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
65	E000	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7
GE		98.3	98.3	98.3	98.3	98.3 98.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE		98.9	98.9 99.4	98.9 99.4	98.9 99.4	99.4	98.9 99.4	98.9 99.4	98.9 99.4	98.9 99.4	98.9	98.9	98,9 99,4	98.9 99.4	98.9 99.4	98.9	98.9
GE GE		99.8	99.8	99.4	99.8	99.8	99.4	99.8	99.4	99.4	99.4 99.8	99.4 99.8	99.4	99.4	99.4	99.4 99.8	99.4 99.8
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GL	3000	1	100.0	100.0	100.0	100.0	100.0	700.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		j															
GE	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GĒ	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	500	1	400.0	100.0	400.0		400.0	400.0	400 0	400 0	400 0	400.0	400.0		400 0	400.0	
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0
GE GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE.	100	i 100.0	,00.0	.00.0	,00.0	100.0	.00.0	.00.0	100.0	100.0	100.0	100.0	,00.0	100.0	100.0	100.0	100.0
GE	000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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\$TATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: APR HOURS: 15-17

					10 011							: APR	nouks:	13-11			
			• • • • • •	• • • • • • •	• • • • • • •				CTATUT		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
	LING	65	0.5	65	GE				STATUTE								
	N	GĘ	GE	GE		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
	ļ																
NO	CEIL	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	{																
G€	\$0000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GΕ	18000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE	16000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
G€	14000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
G€	12000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	i																
GF	10000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE	3000		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	7000		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1		
																95.1	95.1
GE	5000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	50001	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	00.7	~~ 7	20. 7	~~ 7	00.7	00.7	00.7
32		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	. ,	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	,	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	30 00	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	- 1																
GE	2500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	2000	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	i												• .				
GΕ	1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0
G€		99.9	99.9	100.0	100.0	100.0	100.0							100.0	100.0	100.0	100.0
GΕ		99.9	99.9	100.0	100.0	100.0			100.0					100.0	100.0		
GΕ		99.9	99.9	100.0	100.0	100.0	100.0						100.0		100.0	100.0	100.0
GΣ		99.9	99.9	100.0	100.0	100.0			100.0								
ŲΣ	2001	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
~-	5001	00.0	00.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100 0	100.0	100 0	100.0	100 0	***	400 0
GE		99.9	99.9		100.0	100.0			100.0		100.0				100.0	100.0	100.0
GE	,	99.9		100.0		100.0			100.0				100.0		100.0	100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0			100.0			100.0		100.0	100.0	100.0	100.0
GE	- ,	99.9	99.9	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1																
GE	000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
							 .										

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC, ASHEVILLE NC FROM HOURLY DRSEPVATIONS

STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: APR HOURS: 18-20 STATION NUMBER: 722745

				LS	t to ut	C: + 7					MONT	H: APR	HOURS	: 18-20)		
 CE I	LING	• • • • • •	· · · · · · ·	· · · · · · ·	• • • • • •	• • • • • • •	VISIBIL	ITY IN	STATUTE	MILES	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • •
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	G
	• • • • • • •	• • • • • •		• • • • • • •								• • • • • •					
NO	CEIL	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
NO	CEIL	17.5	17.5	17.3	77.3	17.3	17.5	79.3	79.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	79.3
	20000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	18000	•	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
	16000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
	14000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE	12000	89.4 	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE	10000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	9000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE		93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	6000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	5000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	4500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	4000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	I 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	100.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1			,								,				
GE	000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	<i></i>	• • • • • •	• • • • • •	• • • • • • •					. .	• • • • • •		

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

:

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: APR HOURS: 21-23

ILTN In	- 1	GE	GE	GE	GE	GE	GE	GE	STATUTI GE	GE	GE	GE	GE	GE	GE	GE	(
EET		7	6	5	4	3	2 1/2		1 1/2	_		3/4	5/8	1/2	3/8	1/4	•
	<u>.</u> .			• • • • • • •							· • • • • • •						
CEI	.	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.
200	00	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.
180	00	88.0	88.0	88.0	88.0	0.88	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.
		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	0.88	88.0	88.0	88.0	88.0	88.0	88. 0	88
	•	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88
120	00	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90
100	00	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93
90	00	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93
		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94
	•	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95
60	00	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97
50	00	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98
45	00	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98
40	00	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99
30	00	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99
25	00	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99
20	00	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	9
		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	9
		00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
12	00 1	00.0	100.0	100.0	100.0	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
10	00 1	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
	00 J 1	00.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	10
		00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100
	•	0.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	104
6	00 1	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
5	00 1	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
	,	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	10
_		0.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	10
	•	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	10
1	00 1	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
o	0011	00.0	100.0	100.0	100.0	100.0	100.0	•••	400.0			400.0			100.0	100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: APR HOURS: ALL

				LS	10 01	C: + /					MONT	H: APR	HOURS:	ALL			
CEIL	ING				• • • • • • •		VISIBI	LITY IN	STATUT	E MILES	· · · · · · · · · · · · · · · · · · ·		• • • • • •		• • • • • •	• • • • • •	• • • • • •
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE	r j	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
		· • • • • •				.		• • • • • •									
	!																
NO C	EIL	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
CE 2	1 1 0000	97 5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	,	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
-		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	-	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	j																
GE 1	0000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE	9000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	8000		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE	6000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	-0001	00.7	00.7	00.7	00.7	00.7	7			aa -	aa =		7				
GE		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE GE	,	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9	98.9
GE	,	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.3 99.5	99.5	99.5	99.5	99.5	99.5	99.3 99.5	99.3 99.5
GE	,	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
QL.	امورو	,,,,,	,,,,	,,,,	,,,,	,,,,	,,.,	77.7	,,.,	**.*	,,,,	77.7	,,,,	**.*	****	77.7	77.7
GE	2500 l	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	2000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ	1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	- 1	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	. ,	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	•	99.9	100.0	100.0	100.0		100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	•	99.9	100.0	100.0	100.0		100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
			•														
GE	000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAY HOURS: 00-02

				LŞI	10 010	.: + /					PONIT	I: MAT	HUUKS:	: 00-02			
CE	LING				• • • • • • •	• • • • • •			STATUT	E MILES	• • • • • •		• • • • • •	• • • • • •		• • • • • •	• • • • • •
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •					· · · • · · · ·		• • • • • • •		• • • • • •	• • • • • • •				• • • • • •	• • • • • • •	• • • • • •	• • • • • •
NO	CEIL	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE	20000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	18000	,	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	16000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	14000		93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE	12000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	10000	•	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
G€		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	6000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99 .7	99.7	99.7	99.7	99.7	99.7
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0 (100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
G€		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€		100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6€	600 (100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: MAY HOURS: 03-05

			LS	T TO UT	C: + 7					MONT	H: MAY	HOURS	3: 03-05	•		
		• • • • • •	• • • • • • •	• • • • • • •						•••••	• • • • • •		• • • • • •	• • • • •	• • • • • • •	
CEILING	l cr	c.F	٥.	C.F	C.E.				TE MILES			65	0.5	65		
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1 7	GE	GE 1	GE	GE 5/8	GE 1 / 2	GE 7 (0	GE	GE
reei	,	0	,	4	,	2 1/2		1 1/2	2 1 1/4	, ,	3/4	2/0	1/2	3/8	1/4	0
	1						• • • • • •	• • • • • •	• • • • • • •					• • • • • •		
NO CEIL	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91,3	91.3	91.3	91.3
	1													,	,	, i
GE 2000	0 95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95,1	95.1	95.1	95.1
GE 1800	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1600	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1400	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	0 96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	<u> </u>															
GE 1000		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	0 98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	0 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	01100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	01100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	01100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	01100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UL 300	1	,,,,,,	,,,,,			,00.0	,00.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	,00.0	100.0
GE 250	0.0010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	0,100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 150	0,100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1															
GE 100	0.001 0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	0,100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	0.001 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
_																
	0.0010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0.0010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0,100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1	100.0	100.0	100.0	100 0	100.0	100.0	400.0	100.0	400.0	100.0	100.0	100.0	100.0	100 3	100.0
GE 00	0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •				• • • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAY HOURS: 06-08

ING	• • • • • •		• • • • • • •	• • • • • • •									. .			
. 1						VISIBIO	LITY IN	STATUT	E MILES							
•	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G E
T	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	, 1	3/4	5/8	1/2	3/8	1/4	Û
				• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • • •				· · · · · · · ·			• • • • • •
EIL	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
20000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1 80 00 (95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
6000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
4000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
10000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
9000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
8000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
7000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
6000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
5000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
000 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • •		• • • • • • •				• • • • • •			<i></i>	• • • • •
	0000 8000 0000 0000 0000 0000 0000 000															10000 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 8000 95.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: MAY HOURS: 09-11

				Lo	10 01	U: + 1					MUNI	n: MAI	HUUKS	5: U9-11	ł		
CEILING VISIBILITY IN STATUTE MILES																	
	1 N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
		, 															
		1															
NO	CEIL	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
		!															
	20000		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	18000	•	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	16000	•	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
-	14000		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	12000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	10000	 08.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE		•	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE			99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
J.	0000	<i> </i>	,,.0	,,.0	,,,,	,,.0	,,	//.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE	5000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	4500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1500	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
~=	1000	 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE			100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0		100.0					100.0	100.0	100.0	100.0
						100.0	100.0				100.0	100.0	100.0			100.0	100.0
GE		100.0	100.0	100.0	100.0			100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
- C	.00	1	.00.0						.00.0	. 55.5	.00.0	.00.0	.00.0	.00.0	.00.0	100.0	.00.0
GE	000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAY HOURS: 12-14

				23,	10 010	. ,					HOMIT		HOOKS	. 12:14			
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-	LING	c.c	C E	C.E.		c.c			STATUTI		CE	CE	cc	C.E.	ce	C.F.	CF
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •		• • • • • •	• • • • • • •		• • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
						o	A				01.5			۰	۰	٠	
NO	CEIL	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
]																
	20000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	18000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	16000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE	14000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE	12000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	í																
GE	100001		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GΕ	9000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	8000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GΕ	7000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE	6000	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	i																
GE	5000 i	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	45001	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99,9	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	30001	, , , , , , , , , , , , , , , , , , ,	77,7	77,7	77,7	77,7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25801	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	,	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	99.9				99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	-	99.9	99.9	99.9												
GE	1200	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1000	00.0	00.0	00.0	00.0	00 0	100 0	100.0	100 0	100 0	100.0	100.0	100 0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
_	!																
GE		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	169.0	100.0	100.0	100.0	100.0	100.0
GE	200	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	į	ļ															
G€	000	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				<i></i>													

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO LIC: + 7

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: MAY HOURS: 15-17

	LST 10 LIC: + 7 MONTH: MAY HOURS: 15-17															
CEILIN			• • • • • • •			VISIBI	LITY IN	STATUT	E MILES	· · · · · · · · · · · · · · · · · · ·		• • • • • • •				• • • • •
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2			3/4	5/8	1/2	3/8	1/4	0
			<i></i>													
	!															
NO CE	L 77.	77.7	77.7	77 7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
CC 300) 100 86.;	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86,2	86.2	86.2	94.3	86.2
GE 180			86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.2 86.6	86.6
	000 86.		-	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
-	000 87.			87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 120	000 88.	88.8	88.8	88.88	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	8.83	88.8
	Ì															
	000 90.		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
	100 90.		90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	00 91.			91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	00 97.			97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 60	100 100 .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	 00 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	00 100.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	00 100.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 35	00 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	100 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1															
	00 100.			100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100 100.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	00 100.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	00 100. 00 100.			100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
GC 12	1	, 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	00 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9	00 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8	00 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7	00 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6	00 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	001100		100.0	100.0	100.0	100.0	100.0	***	400 0	100 0	100.0	400.0	100.0	100.0		
	00 100.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	00 100.			100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	00 100. 00 100.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
	00 100.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
JL I	1	, 100.0	100.0	100.0	100.0	,00.0	.00.0	,00.0	100.5	.00.0	100.0	100.0	100.0	100.0	,00.0	.00.0
GE C	00 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 EST TO UTC: + 7 MONTH: MAY HOURS: 18-20

				LSI	10 010	:: + /					MONTH	: MAY	HOURS:	18-20			
CE	LING						VISIBIL	ITY IN	STATUTI	E MILES	• • • • • •		• • • • • • •		• • • • • •	• • • • • • •	• • • • • •
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
									• • • • • • •		. .	• • • • • •	• • • • • •		· · · • • •		
			02.0	00.0	00.0	00.0	00.0	90 0	00.0	00.0	00.0		00.0	00.0	00.0	00.0	00.0
NO	CEIL	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
G.F	20000	! 88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
	18000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GΕ	16000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
G€	14000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE	12000	92.9	92.9	92.9	92.9	92.9	92. 9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	10000	,	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE		93.8	93.8	93.8 94.2	93.8 94.2	93.8 94.2	93.8 94.2	93.8 94.2	93.8	93.8	93.8	93.8 94.2	95.8	93.8	93.8	93.8	93.8
GE GE		94.2	94.2 98.1	98.1	98.1	94.2 98.1	98.1	98.1	94.2 98.1	94.∠ 98.1	94.2 98.1	98.1	94.2 98.1	94.2 98.1	94.2 98.1	94.2 98.1	94.2 98.1
GE		1 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
-	••••	1	,,,,,		,,,,			• • • •	,,.,	,,,,	,,.,		,,,,	,,,,	,,,,	• • • • •	,,,,
GE	5000	1100.0	100.0	100.0	100.0	100.0	100.0	100.)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	-	[100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25.00	 100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000	100.0	100.0	100.0	100.0	100.0	100.0
GE		1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	-	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1															
G E		100.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		(100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	•00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	500	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	109.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1															
GΕ	000	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			• • • • • •	• • • • • •			• • • • • • •		· · · · · · · ·	• • • • • •			• • • • • • •	• • • • • •			• • • • •

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

0111				LS.	ודט טד ז	C: + 7			D AL		MONT	H: MAY	HOURS	21-23		0,	
														• • • • • •			
	LING	65	or	cr	cc	cc.			I STATUT			0.5	0.5	25	6.6		
II FEI		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7.48	GE	GE
r E.	E)	,	0	,	4	3	2 1/2	2	1 1/2	1 1/4	'	3/4	5/8	1/2	3/8	1/4	0
	· · · · · ·	 I			• • • • • • •		•••••	• • • • • •			• • • • • •			• • • • • •	••••		• • • • •
NO (CEIL	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE :	20000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	18000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
	16000		90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	14000		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE	12000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE	10000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	9000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	8000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5000	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	/ 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	1 1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 44

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: MAY HOURS: ALL

		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •					• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • •
	LING								STATUTE								
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F8	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
		ľ															
NO	CEIL	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	j	į															
GE	20000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	18000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	16000	•	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
	14000		92.9	92.9	92.9	92,9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
_	12000		94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	12000	1 94.5	74.5	74.7	74.3	74.3	74.3	74.3	74.7	74.3	74.3	74.3	74.)	74.3	74.3	74.)	74.3
GE	10000) 05 4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	OE 4	95.6	95.6
		_													95.6		
GE	,	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	6000	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		ĺ															
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	4500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		i															
GE	25001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	1 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
^-	1000	1	100 0	100.0	100.0	100 0	100.0	100 0	100 0	100.0	100 0	100 0	100 0	100 0	100.0	100 0	400 0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1															
GE	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	- 1	·															
GE	0001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		· · · · · · ·							· · · · · · · ·								

USAFETAC, ASHEVILLE NC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC. ASHEVILLE NC FROM HOURLY OBSERVATIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUN HOURS: 00-02

				LS	דט טד	C: + 7					MONT	H: JUN	HOURS	s: 00-02	2		
• • •			• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • •						. .			
	LING								STATUT								
	N	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	ĢE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
• • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • •	• • • • • •		• • • • • •	· • • • • • •		<i>.</i>	
	!																
МО	CEIL	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
					٠	24.2		.									
	20000		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	18000		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	16000		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	14000	-	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	12000	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
۰.	10000	07.7	07 (07.	07 (07 (07.	07.			07.	07.4	07.	07.			
	10000		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE		97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE		97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	6000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10 0.0	100.0	100.0	100.0
c =	50001	00.0	100.0	100.0	100 0	100 0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.6	100 0	100.0	100 0
GE	,	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9		100.0 100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0						100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25001	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
υE	1200	77,7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	- ,	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	,,,, 	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE.	1001	77.7	.00.0	.00.0	.00.0	100.0	.00.0	100.0	,00.0	.00.0	100.0	,00.0	100.0	100.0	,00.0	100.0	100.0
GE	0001	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS 900

D - 2 - 46

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 '.ST TO UTC: + 7 MONTH: JUN HOURS: 03-05

CEILING VISIBILITY IN STATUTE MILES IN GE GE GE GE GE GE GE GE GE GE GE GE GE	GE 0
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1	00 0
NO CEIL 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90	90.9
T ·	
	93.6
	93.7
	93.7
	94.1
GE 12000 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2	96.2
GE 10000 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4	97.4
GE 9000 97.9 97.9 97.9 97.9 97.9 97.9 97.9	9.9
	98.4
	99.9
GE 6000 100.	00.0
j	
GE 5000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0
GE 4500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0
GE 4000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0
GE 3500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0
GE 3000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0
	00.0
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GE 1200 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0
GE 1000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0
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42 2007 100.0 100.	00.0
GE 500 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0
GE 400 100.0	00.0
	00.0
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GE 000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUN HOURS: 06-08

				LS	1 10 011	L: + /					MONI	M: JUN	HUUKS	: 00.08	5		
CEI	LING				• • • • • •	• • • • • • •	VISIBI	LITY IN	STATUT	E MILES		• • • • • • •	• • • • • • •	• • • • • •			• • • • • •
1	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET İ	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
	.																
]															
NO	CEIL	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
ĜΕ	20000	92.7	92 /	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE	18000	92.8	92.8	92.8	92,8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE	16000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE	14000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	10000	 97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5	99.6	99.6	99.6
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	8000	1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	1 [100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
G.	1200	1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	700.0	100.0	100.0	100.0	100.0
GE	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	iûû.ŭ	100.0
GE	800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	500	1	100.0	400.0	100.0	400.0	•00 0				•••	400 0		100.0			
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	103.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ดดด	! 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 HONTH: JUN HOURS: 09-11

CEIL	ING						VISIBIL	.ITY IN	STATUTE	MILES							
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE	it j	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/8	1/4	(
• • • •				• • • • • • •		• • • • • •		• • • • •	• • • • • • •	• • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
NO C	EIL	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2	20000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8
		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.
		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.
		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1	2000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1	0000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
G€	9000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	•	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
G€	60001	1 0 0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3500]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Œ	2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6
GE	400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
GE	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100. 0	100.
GE	000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

				LST	to uto	: + 7					MONT	H: JUN	HOURS	3: 12-14	,		
CEIL	ING	• • • • •		•••••	• • • • • •		VISIBIL	ITY IN	STATUTE	 E MILES	•••••	• • • • • •		• • • • • • •	• • • • • •	• • • • • •	
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
NO C	EIL	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
نE 2	0000	93.4	93,4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1	18000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1	6000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1	14000 İ	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1	2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GF 1	ا 10000 ا	98 N	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	90001		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	8000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GC.	1	77.0	77.0	,,.0	,,,	,,,,	77.0	,,.0	77.0	77.0	77.0	,,.0	77.0	77.0	77.0	77.0	77.0
GE	5000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	4500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	4000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	3500 j	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	3000 j	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25001	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
-															.00.5		,30.0
GE	1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500 l	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0		100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1001	77.7	77.7	77.7	77.7	77.7	,,,,	77.7	,,,,	77.7	100.0	100.0	100.0	,00.0	100.9	,00.0	,00,0
GE	000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	· · · · ·	• • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •		• • • • • • •			• • • • • •	• • • • • •	• • • • • •		 .	· · · · · ·

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUN HOURS: 15-17

				LST	10 01	C: + /					MONTI	1: JUN	HOURS	: 15-17			
CEI	LING		• • • • • •			• • • • • •	VISIBI	ITY IN	STATUT	E MILES	• • • • • •	•••••		• • • • • • •		• • • • • • •	• • • • • •
FE		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE GE	GE 1 1/2	GE ? 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO	CEIL	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79. 7	79.7	79.7	79.7	79.7
_	20000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
_	18000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	16000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
-	14000 12000		88.2 92. 8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8	88.2 92.8
	10000	0/ 7	0/ 7	0/ 7	0/ 7	94.3	94.3	94.3	94.3	0/ 7	0/ 7	04.7	0/ 3	0/ 3	04.7	04.7	0, 7
GE GE	10000	95.0	94.3 95.0	94.3 95.0	94.3 95.0	95.0	95.0	95.0	95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0	94.3 95.0
GE		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	,	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	6000	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	50 00	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	(99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	1000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	6001	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1001	77.7	99.9	77.7	77.7	100.0	,00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7

				LS	וזט סז ז	C: + 7					MONT	H: JUN	HOURS	s: 18-20)		
 CE 11	CEILING VISIBILITY IN STATUTE MILES																
11		E	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
																	
ио с		0	77 0	77.9	77.9	77.9	77.9	77.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
NO (EIL 77	.9	77.9	11.9	77.9	11.9	11.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2	20000 84	.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1	18000 85	.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE '	16000 8 5	.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	14000 86		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1	12000 91	.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE '	10000 93	.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE	90001 94		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	8000 96	.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE	7000 99	. 3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	6000 100	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE	5000[100	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3500 100		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	3000 100	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	2500 100	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800[100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200 100		100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		_			400.0												
GE GE	1000 100 900 100		100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0
GE	800 100		100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
GE	7001100		100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1																
GE	500 100		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE	400 100		100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE	300 100 200 100		100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0
GE	100 100		100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GC	1			.00.0	,00.0	.00.0	.00.0	,00.0	100.0	,00.0	.00.0	100.0	100.0	100.0	100.0	100.0	,00.0
GΕ	000 100	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
													. .		. 		

TOTAL NUMBER OF OBSERVATIONS 900

D · 2 · 52

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JUN HOURS: 21-23

				LS	10 010	7 /					MUN I N	JUN	nouks.	21-23			
CE.	LING	• • • • • • •							STATUTI		• • • • • •	• • • • • •				• • • • • • •	• • • • • •
	IN .	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET !		6		4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
	- - -,	, , , , , , , , , , , , , , , , , , ,															
		25.4	25.2		ar 2	05.0	05.0	05.0	05.0	25.2							
NO	CEIL	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE	20000	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	18000	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	16000	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	14000	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	12000	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	100001	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE		96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	8000		97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE		99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	,	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢĽ	0000)	177.0	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	3500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.9	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
]																
GE	2500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1															
GE	1000	99.8	99.9	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.9	100.0		100.0			100.0			100.0	100.0	100.0	100.0	100.0	100.0
	,	99.8	99.9	100.0	100.0	100.0						100.0			100.0	100.0	
GE	1												100.0	100.0			100.0
GE		99.8	99.9		100.0	100.0				-		100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUN HOURS: ALL

				LS	יוט טוי	C: + /					MONT	1: JUN	HOURS:	ALL			
CE I	LING	• • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		VISIBI	LITY IN	STATUT	F MILES	· · · · · · · · · · · · · · · · · · ·		• • • • • •	• • • • • • •	• • • • •	• • • • • •	
	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
	1																
NO	CEIL (86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
												_					
	20000		91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	18000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	16000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	14000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE	12000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
CE	10000	04.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	04.7	04.7	04.7	04.7
GE		97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1			96.7	96.7	96.7	96.7
GE	,	97.8	97.8	97.1	97.1	97.8	97.8	97.8	97.1	97.1	97.1	97.1 97.8	97.1 97.8	97.1 97.8	97.1 97.8	97.1 97.8	97.1
GE		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	97.6	99.4	97.0	99.4	99.4	97.8 99.4
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.4	99.9	99.4	99.4	99.4
O.	0000	. ,,,,	,,,,	,,,,	,,,,	,,.,	77.7	,,,,	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE	5000	99.9	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0				100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ļ																
GE	,	99.9	100.0	100.0	100.0				100.0		100.0	100.0	100.0		100.0	100.0	100.0
GE	,	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
GE	- 1	99.9	100.0	100.0	100.0			100.0	100.0	100.0					100.0	100.0	100.0
GE	600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000	100.0	100.0
	5001	200	400 0	400.0	400 0	400.0	400.0		400.0								
GE		99.9	100.0	100.0		100.0		100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0
GE		99.9	100.0		100.0			100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0
GE		99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	100.0			100.0		100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0
GE	1001	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
c -	0001	00.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000	100.0
GE	υυυ[99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	וטט.ט	100.0	100.0	100.0	100.0	100.0	100.0
• • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •		• • • • • • •	• • • • • •	• • • • • •		· · · · · ·

TOTAL NUMBER OF OBSERVATIONS 7200

D · 2 · 54

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 00-02

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	LING								STATUTI								
1	,	СE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G€	GE	G€	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	1																
NΩ	CEIL	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.7	58.3	58.3	58.3
	1	JU.J	,0.5	,0.5	50.5	50.5	20.3	,0.5	70.7	50.5	50.5	,0.5	50.5	JU	,0.5	70.5	70.5
0.5	200001				((/ 7		44.7	44.3					44.3			
	20000		66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
	18000		66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
	16000		66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
	14000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE	12000]	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	- 1																
GE	10000 i	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE		85.6	85.6	85.8	85.8	85.8	85,8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE		87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE		94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
_	,					98.1			_						_	_	
GE	6000	97.7	97.7	98.0	98.0	90.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GΕ		98.7	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	,	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	4000]	99.5	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	3500 i	99.5	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	3000 i	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.6	99.6	99.9	99.9	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE		_	-		-						100.0						
GE	,	99.6	99.6	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	000		,,,,		,,,,				,0010				,,,,,		,,,,,		,,,,,,
GE	Soni	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
																100.0	
GE		99.6	99.6	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0
GE		99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 03-05

				LS	זוט טז ז	C: + 7					MONT	H: JUL	HOURS	: 03-05			
CEI	LING			• • • • • •	• • • • • • •	• • • • • • •	VISIRI		 I STATUT	F MILES			• • • • • •	• • • • • • •			
I		l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G E
FE		7	6	5	4	3	2 1/2		1 1/2	_		3/4	5/8	1/2	3/8	1/4	0
		}															
NO	CEIL	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GΕ	20000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GΕ	18000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE	16000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
	14000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE	12000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE	10000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	6000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		j															
GE	5000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	[100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GĒ		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0		100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		100.0			100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		10.0			100.0		100.0			100.0	100.0	100.0	100.0		100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000
GE	300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0
	000	1	100.0	100.0	100.0	100.0	100.0	400.0	100.6	100.6	100.0	100.0	100.0	100.0	100 0	100	•00.0
GE	UUU	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.5
• • •			• • • • • • •		• • • • • • •						• • • • • •		• • • • • • •	• • • • • •	• • • • • •		· · · · · ·

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 722745 STATION NAME: DAVIS MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO JTC: + 7 MONTH: JUL HOURS: 06-08

				LST	TO JTC	:: + 7					MONTH	: JUL	HOURS:	80-60			
 CE 1	LING	• • • • • •	• • • • • • •	· · · · · · · ·		• • • • • •	VISIBIL	 !TY !N	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •			• • • • • •	• • • • • •
	N I	GE	GE	GE	GE	G€	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET I	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
						_											
	_ [
NO	CEIL	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE	20000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE	18000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE	16000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE	14000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	12000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
G E	10000	02.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
GE		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
GE	•	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
95	5000	,,,,	**.0	77.0	,,,,	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	97.1
GE	5000	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	45001	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	4000	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	3500	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	3000	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	2500	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		79.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
		05.3	00.3	00.7													
úΕ		99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE of		99.7	99,7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9	100.0	100.0
GE		99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	9 90 i	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	500	99.7	99.7	99.7	99.7	99 8	94.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	400	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	300)	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99,9	99.9	99.9	99.9	99.9	100.0	100.0
GE	200	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	100	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
ĞĒ	0001	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99,9	99.9	99,9	99.9	99.9	99.9	99.9	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

514	IIION F		122143	LS	10 UT		A12 - MON					H: JUL	HOURS	: 09-11	- APR	04	
CE I	LING	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •				STATUT			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	· · · · · ·
	N	GE	GE	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ΕT	7	6	5	4	3	2 1/2		1 1/2	-		3/4	5/8	1/2	3/8	1/4	0
															3/0	. 1/4	
		l															
МО	CEIL	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE	20000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE	18000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE	16000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE	14000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	12000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	10000	•	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	9000	,	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97. <i>6</i>	97.6	97.6	97.6	97.6	97.6
GE	8000		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	٩.	98.4	98.4	98.4	98.4
GE		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	ب. و ک	99.0	99.0	99.0	99.0
GE	6000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GĘ		100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	-	100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0 	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1800	100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	100.0	100.0	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	100.0	100.0	100.0	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		10.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0		100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G٤		100.0		100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0			100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0
GE	000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
·				• • • • • •	• • • • • • •		• • • • • • •	· · · · · ·		• • • • • •	• • • • •	• • • • • •		• • • • • • •	· · · · · ·	· • · · · · ·	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 12-14

				LST	TO UTO	C; + 7					MONTH	1: JUL	HOURS	: 12-14			
 CE I	LING	• • • • • • •			· · · · · · · ·		VISIBIL	ITY IN	STATUTE	MILES	• • • • • •	•••••	•••••			• • • • • • •	• • • • • •
	N	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE
FE	ΕT	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
											. .			<i></i> .			
		1					~~ ~										
NO	CE!L	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72 .2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	20000	! 79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
		79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.8
		79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
		90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
		}															
GE	10000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE	9000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	8000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	7000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99 4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GΕ	6000	[100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	E000	1100 0	100.0	100.0	100.0	100.0	100 0	100.0	100 0	100 0	100.0	100 0	100.0	100.0	100.0	100.0	100.0
GE GE		100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0
GE		1100.0	100.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	2000	}		, 50.0		.00,0					,,,,,	,00.0	10010				100.0
ĢΕ	2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢΕ	2000	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SE	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	***	1	•00		400.0	100.0	400 0	•00 0			400.0	***	400.0	400.0	400.0		400.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE		100.0 100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0
GE		1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
U.	200	1	.00.0	100.0	100.0	100.0	,00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ŞΕ		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1															
GE	000	1106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		· · · · · · ·	• • • • • •					• • • • • •			· · · · · ·	· • • • • • •		• • • • • •		• • • • • •	• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 15-17

			LSI	10 011	J: + /					MONI	H: JUL	HOURS	: 15-1/			
CEILING		• • • • • • •	• • • • • •	• • • • • • •		VISIBII	TTY IN	STATUTE	 F MILES			• • • • • •	• • • • • • •	• • • • • •		· · · · · ·
IN	GE	GE	G E	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GΕ	GE	GE
FEET	7	6	5	4	3	2 1/2	5		1 1/4		3/4	5/8	1/2	3/8	1/4	0
			.										1,72	3,0	1,74	U
	1															
NO CEIL	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
	İ															
GE 20000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 18000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 14000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 12000	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
	Ì															
GE 10000	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 9000	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 8000	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 7000	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 6000	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Ì															
GE 5000	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	10.0	100.0
GE 3000	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ĺ															
GE 2500	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Ì															
GE 1000	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.5	99.5	99.9	99.9	99,9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0
	ĺ															
GE 500	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0
GE 300	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0
	, · · · ·		•				•									
GE 000	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
						

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

J

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7

STATION NAME: DAVIS-MONTHAN AFB AZ
MONTH: Jul HOURS: 18-20

				EST	10 010	: + /					MONTH	: JUL	HOURS:	18-20			
CEI	LING						VISIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • •
	N [GE 7	GE 6	G E 5	GE 4	GE 3	G E 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO	CEIL J	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE	20000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	ó2.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
	18000		62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
	16000	•	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
	14000		65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE	12000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
GE	10000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
GΕ	9000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
GΕ	8000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
GE	7000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
GE	6000	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
GE	5000	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE	,	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	4000	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	3500	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE	3000	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	8.00	99.8	99.9	99.9
GE	2500 I	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	1200	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	10001	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	1	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	(99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
~-	5001	00 /	00 /	00.7	00.7	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.8	00.0	20.0
GE		99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		99.4	99.4 99.4	99.7 99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8	99.8	99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9	99.9 99.9
GE GE	1	99.4	99.4	99.7 99.7	99.7	99.8	99.8	99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8	99.8	99.8	99.9 99.9	99.9
GE	,	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	1001	77.4	77.4	77.7	77.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.5	77.0	77.7	77.7
GE	000	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
• • •	• • • • •	· · · · · · ·	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •			• • • • • • •	• • • • • •	• • • • • •	• • • • • •					• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS: 21-23

				LSI	10 010	.: + /					MONT	H: JUL	HOURS	: 21-23	•		
CEI	LING		• • • • • •	• • • • • • •			VISIRII	TTY IN	STATUTE	MILES		• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •
-	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GΕ	GE	GE
	ET I	7	6	5	4	3	2 1/2	2				3/4	5/8	1/2	3/8	1/4	0
rc		· '	o	,	4	,	2 1/2	۲	1 1/2	1 1/4	•	3/4	3/0	1/2	3/6	1/4	U
			• • • • • • •	• • • • • • •		•••••		• • • • • •		• • • • • • •			• • • • • • •	•••••	• • • • • •		
NΩ	CEIL	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
.,,		1	20.7	,,,,,	30.1	,,,,,	2011	30.1	30	,,,,	30	50.1	,,,,	30.1	,,,	30.1	30.1
GF	20000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	18000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	16000		60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
	14000		61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
	12000		75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
	12000	1 7 2 . 4	,,,,		73.4	,,,,	,,,,	12.4	12.7	12.4	13.4	,,,,	13.4	73.4	73.4	77.4	13.4
GE	10000	81.9	81,9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE		85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE		94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE		97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
Q.C.	0000	77.4	,,. .	,,,,	77.0	71.0	71.0	77.0	77.0	77.0	77.1	71.1	71.7	71.1	71.1	71.7	71.1
GE	5000	99.0	9.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7			99.7		99.7
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0
GE	2000	77. 0	77.0	77.0	77.7	77.7	77.7	77.7	77.7	77,7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25001	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	77.0	77.0	77.0	77,7	77.7	77.7	77.7	77.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1000	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0
u c	0001	1	77.0	77.0	77.7	77.7	77.7	77.7	77.7	77,7	100.0	100,0	100.0	100.0	100.0	100.0	100.0
ĢΕ	5001	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE		99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UΕ	100	99.0	77.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	100.0	,00.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100 0	100.0	100.0	100.0
UE	000	77.0	77.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	100.0	100.0	,00.0	100.0	,00.0	100.0	100.0
					• • • • • • •	· • • • • • • •	· • • • • • • • •	. <i></i>									

PERCENTAGE FREQUENCY OF DCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

2

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7
PERIOD OF RECORD: MAY 79 - APR 89
MONTH: JUL HOURS: ALL

				LST	זס טזט	: + 7					MONT	i: JUL I	HOURS:	ALL			
CE I	LING					• • • • • •	VISIBIL	ITY IN	STATUTE	MILES					• • • • • •	• • • • • •	
	N }	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
						• • • • • •				• • • • • •	. .	· • • • • • •			• • • • • •	• • • • • •	• • • • • •
	CELL !	41.0	41.0	41.0	61.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
NU	CEIL	01.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE	20000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
	18000		70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE	16000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE	14000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
ĢĒ	12000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
c c	100001	90 /	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89,5	89.5	89.5	89.5	89.5
GE GE		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	,	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE		96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	,	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99 .0	99.0	99.0	99.0	99.0	99.0
•-	j	, , , ,	, , , ,						.,	,,,,	,,,,			,,,,		,,,,	.,,,
GE	5000	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	4500	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE	4000 [99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE		99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
G€	3000 (99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	25 00 l	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	- ,	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1200	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1000	06.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	00.0	100.0	100.0	100 0	100.0	100.0	100 0	100.0
GE GE		99.7	99.7 99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0 100.0
u.E		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	000,		, , . .	,,,,,					,							, , , , ,	
GΕ		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĜΕ	,	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ůE	100	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
úΕ	กลดา	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	QQ 0	100.0	100 n	100 0	100.0	100.0	100 0	100.0
U.E	000	77./	77.(77,7	77.7	77.7	,,,,,,,,,,	,,,,	77.7	77.7		100.0		,,,,,,		,,,,,,	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: 00-02

			LST	TO UTO	: + 7					MONT	H: AUG	HOURS	s: 00-02	2		
CEILING	• • • • • •		• • • • • • •	· · · · · · · ·	• • • • • • •	VISIRI			F MILES	· · · · · · · · · · · · · · · · · · ·				• • • • • •		• • • • •
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	υĒ	GE	GE	GE	GE	G E
FEET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	5/ C	1/4	0
	,															
	1															
NO CEIL	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 10000	l 85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 9000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	0.38	86.0	86.0
GE 8000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 7000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 5000	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4000	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0			100.0	100.0	100.0		100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0		100.0	100.0
GE 1500	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	[] 99.8	99.8	99.9	99,9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9		100.0			100.0	100.0	100.0		100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0				100.0	100.0		100.0	100.0	100.0
GE 500	 99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0			100.0	100.0	100.0		100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
	99.8	99.8	99.9	99.9	99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GL 100]	,,.0	,,,,	,			,00.0	,,,,,	100.0	,00.0	,55.0	, 55.5	,00.0	,	.00.0	
GE 000	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D · 2 · 64

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: 03-05

				LSI	יוט טוי	: + /					MONTH	i: AUG	HOURS	: 03-05			
 C E I	LING		• • • • • • •	• • • • • •	· • • • • • •	• • • • • •	VISIBIL	 .1TY IN	STATUTI	 E MILES	• • • • • •	• • • • • •	• • • • • •			•••••	• • • • • •
1	N	GE	GE	GE	GE	GE	GE	GE	G€	GE	GE	GE	GE	GE	GE	GE	GE
FE	ΕT	7	6	5	4	3	2 1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •					• • • • • •	· · · · · · ·	• • • • • • •	• • • • • •				•••••	• • • • • •	 .	• • • • • •	• • • • • •	• • • • • •
ΝC	CEIL	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE	20000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE	18000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE	16000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE	14000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75 .2	75.2	75.2	75.2	75.2
GE	12000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE	10000	 91.1	91,1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE	9000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GΕ	8000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE	7000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE	6000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	5000	1 1 0 0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	35 00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0
GE	1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	1 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

				LST	TOUT	C: + 7					MONT	H: AUG	HOURS	6: 06-08	3		
CEIL		• • • • • •			· · · · · · ·		VISIRI			 TE MILES						· · · · · · ·	
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	, GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2			2 1 1/4		3/4	5/8	1/2	3/8	1/4	0
	!		~~ ~	30.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
NO C	ו בוב	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70. 9
GE 2	0000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1	8000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1	6000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1	4000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1	2000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1	ا ا 0000	2.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	9000 أ	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE	8000 i	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE	7000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	6000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE) 5000 I	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	4500 i		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	4000		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	,	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	3000 j	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ا 2500 ا	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	20001		99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1800		99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	,	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
			•••									400.0					
	,	99.9	99.9	99.9	99.9	99.9	99.9	100.0					100.0	100.0	100.0	100.0	100.0
GE	1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	. ,	99.9	99.9	99.9	99.9	99.9 99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ouu j	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	. ,	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	• • • • •															• • • • • • •	

TOTAL NUMBER OF OBSERVATIONS 930

D · 2 · 66

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: AUG HOURS: 09-11

				231	10 010						HOMIT		HOOKS	. 0, ,,			
		• • • • • •	• • • • • • •	• • • • • • •		• • • • • •						• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	
	LING		a.=		0.5				STATUTE								
	I N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	EET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	· · · · · ·		• • • • • •					• • • • •	• • • • • • •								
NO	CEIL	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
		1															
GE	20000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
	18000		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	16000	•	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	14000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	12000	•	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
UE	12000	76.4	72.4	76.4	72.4	72.4	74.4	74.4	72.4	72.4	76.4	72.4	74.4	72.4	72.4	72.4	72.4
	10000	060	0/ 0	04.0	04.0	04.0	04.0	04.0	04.0	0/ 0	04.0	04.0	04.0	0, 0	0/ 0	04.0	04 0
	10000	'	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	9000		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	7000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE	6000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	95.1	99.1	99.1	99.1
		1															
GE	5000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	4500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9	99.9	99.9	99.9	99.9
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
02	5000	1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				100.0	100.0	100.0	100.0	100.0	100.0								
GE		100.0	100.0							100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		ĺ															
GE		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
							100.0		-								
GE		100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		ļ															
GΕ	000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
																	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7

STATION NAME: DAVIS-MONTHAN AFB AZ
MONTH: AUG HOURS: 12-14

				LSI	10 010	.; + /					MONI	H: AUG	HOURS	5: 12-14	•		
CEILI		•••••	• • • • • • •		•••••	• • • • • • •	VISIBI	LITY IN	STATU	E MILES	•••••	• • • • • •	• • • • • •	•••••			• • • • • •
IN	1	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE	1	7	6	5	4	3	2 1/2	2	1 1/2	! 1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •			
NO CE	 	73.4	73.4	73.4	73.4	73 4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
110 01		13.4		, , , , ,		, 2. 4	. 5. 4		13.4	13.4	13.4	, , , , ,	13.4	73.4	73.4	13.4	73.4
GE 20	0000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 18	3000 j	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 16	5000 j	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 14	1000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 12	2000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93 .2	93.2	93.2
	!							_									
	,	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	•	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 6	5000 Į	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
۰. (1	00 5	00 5	00 E	99.5	99.5	00 5	00 5	00 5	00.5	00 5	00 E	00.5	00.5	00.5	00 5	00 5
		99.5 99.7	99.5 99.7	99.5 99.7	99.7	99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.7	99.7	99.9	99.7	99.7	99.7	99.7	99.7	99.7
		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	. ,	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UC .	, 000 1	77.7	77.7	77.7	77.7	77.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100	100.0	100.0	100.0
GE 2	รรดดไ	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	į																
GE 1	1000 [99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	700	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1																
GE		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0
GE	- 1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	/	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	000	00.0	00.0	22.2	00.0	00.0	00.0	100.5	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100 0	100 0
GE	ן טטט	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	ט.טטי	100.0	100.0	100.0	100.0
										<i></i> .					.		

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 68

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: 15-17

				LST	to uto	: + 7					MONT	1: AUG	HOURS	: 15-17			
CEIL	ING		• • • • • • •		• • • • • •	• • • • • •	VISIRII	ITY IN	STATUT	 F MILES			• • • • • •			• • • • • •	
IN		GE	GE	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GF
FEE	,	7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
	}	e	F / 7	F . 7	F / 7	r	r	c / 7	5 / 3	F / 7	F / 7	F / 3	F . 3	F	- · -	.	
NO CI	EIL 	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 2	0000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1	8000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1	4000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1	5000 İ	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 11	0000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE (9000 i	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
	1	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
		95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE (6000 j	98.3	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE !	50001	99.0	99.0	99.1	99,1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	1	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5
	1	99.1	99.1	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		99.4	99.4	99.5	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.4	99.4	99.5	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE .	1 00 0c	77.4	99,4	99.3	77.3	99.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	99.9
		99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	•	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	i00.0	100.0
GE		99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0
GE		99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	/	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0
J.	100	,,, <u>,</u>	,,,,	,,	,,,,	,,,,	,,,,	.00.0	.00.0	,00.0	,00.0	100.0	.00.0	.00.0	.00.0	100.0	.00.0
CE	000	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • • •	• • • • •		• • • • • • •		• • • • • •	• • • • • •	• • • • • • •		•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: 18-20

				LST	to ut	C: + 7					MONT	H: AUG	HOURS	S: 18-20)		
CEIL	ING					· · · · · · · ·	VISIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •					
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	ĞΕ	GE	GE	GE	GE	GE	ĢE
FEE	ΞT	7	6	5	4	3	2 1/2	2	1 1/2	2 1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • •			• • • • • • •			• • • • • •	•••••	• • • • • •	• • • • • •				· · · · · · ·	•••••	• • • • • •	• • • • • • •	• • • • •
NO C	EIL I	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
	į																
_	00000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
	8000		64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
	6000		64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
	14000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 1	12000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1	ا 0000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	8 6.8	86.8	86.8	86.8
	90001		87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	7000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE	6000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	50001		00.7	00.7	aa 7	00.0	00.0										
GE		99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1	99.8	99.8	99.8	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	35001	99.9	99.9 99.9	99.9 99.9	99.9 99.9	100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0
GE	10000	77.7	99.9	99.9	77.7	100.0	100.0	100.0	100.0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	10001	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1														,,,,,,		
GΕ		99.9	99.4	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	99.9	99.9	99.9	99.9	100.0	100 0	100.0	100.0	100.0	106-0	100.0	100.0	100.0	100.0	100.0	100.0
		,,,,, ,,,,,,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							,,,,,,					

TOTAL NUMBER OF OBSERVATIONS 930

D · 2 · 70

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: 21-23

				LST	to ut	C: + 7					MONTE	1: AUG	HOURS	: 21-23			
			• • • • • •	• • • • • • •		• • • • • •			CTATUT			• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •
	LING	c.	GE	GE	GE	cc		LIIT IN	STATUTI			65	c.r	65	65	cr	c.r
	N [GE 7	6	5	4	GE 3	GE 2 1/2		GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE O
7 6	E ' [,		,			2 1/2	۷	1 1/2	1 174		3/4	3/6	1/2	3/6	1/4	U
•••	۱						• • • • • • • •					• • • • • • •		• • • • • • •		• • • • • • •	
NO	CEIL	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
	ì																
	20000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	18000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	16000		64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE	14000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE	12000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
65	*0000	0/7	0/ 7	84.7	0/ 7	0/ 7	0(7	0/ 7	0/ 7	0/ 7	04 7	0/ 7	04 7	04.7	0/ 7	04.7	0 7
	10000		84.7		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GΕ		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	60001	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	5000	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	,	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
ĜE		99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	,		,	.,,							,,,,,,					,,,,,	
GΕ	2500	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1800	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ł																
GE	,	99.8	99.8	99.8	99.9	100.0			100.0		100.0	100.0	100 0		100.0	100.0	100.0
GE		99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	99.8	99.8	99.8	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.8	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	6001	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	SOU	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.8	99.9	100.0		100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0
GE		99.8	99.8	99.8	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	;	99.8	99.8	99.8	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	•	99.8	99.8	99.8	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
UE	100;	77.5	77.0	77.0	77.7	100.0	100,0	100.0	100.0	,00.0	100 0	100.0	100.0	140.0	100.0	100.0	100.0
GE	0001	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D 2 71

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: AUG HOURS: ALL

				LST	דט טדנ	: + 7					MONT	H: AUG	HOURS:	ALL			
		• • • • • •	• • • • • •		• • • • • • •	• • • • • • •									· · · · · · ·	· · · · · ·	
CEIL		0.5		05	05	ar.			N STATUT								
IN		GE	GE	GE	GE	GE 7	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE	1	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • • •	;	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • •	• • • • • • •			• • • • • • •		• • • • • •
NO C	- } - 1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	47 7
NO C	EIL 1	05.5	03.5	05.5	03.3	05.5	د.ده	03.3	05.5	03.3	65.5	03.3	03.3	65.5	03.3	03.3	63.3
CE 2	ا مممه	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
		73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.4	73.5	73.5	73.5
		73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
		74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6		
		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6		74.6	74.6
GE I	2000}	03.0	03.6	03.0	03.0	65.6	65.0	05.0	05.0	02.0	00.0	65.0	05.0	05.0	85.6	85.6	85.6
CE 1	nnnn l	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	•	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1								
					98.7	98.7	98.7			96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE	00001	98.7	98.7	98.7	90.7	90.1	90.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	50001	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	,	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.0	99.7	99.7	99.7	99.7	99.7	99.6		99.6 99.7
		99.8	99.8	99.8	99.8	99.9	99.9	99.9	_			99.7	99.7	99.7		99.7	
									99.9	99.9	99.9				99.9	99.9	99.9
		99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	2000	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100. 0
٥.	35001	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100 0	100.0	100 0	100.0	100.0	100.0	100 0
	•	99.8	99.8	99.9	99.9	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0
	1	99.8	99.8	99.9	99.9	99.9	99.9	100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0
														100.0		100.0	100.0
		99.8	99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	10001	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	99.9	99.9	99.9	100.0	-		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.8		-	99.9		-										
GE	•		99.8	99.9		99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	99.9	99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	•						-								100.0		
GE		99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	99.9	99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.8	99.9	99.9	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
c r	0001	00 8	00.8	00.0	00.0	99.9	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 //	100 0	100.0
GE	000	99.8	99.8	99.9	99.9	77.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			• • • • • •	• • • • • • •	• • • • • • • •		· · · · · · · ·	• • • • • 		• • • • • •	· · · · · ·

TOTAL NUMBER OF OBSERVATIONS 7440

D · 2 · 72

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: 00-02

				LSI	10 010							1. 3EP	nooks	. 00-02			
re i	LING									E MILES			• • • • • • •		• • • • • • •	• • • • • •	• • • • • •
	N [GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	CE	GE	~~	cr	cr
				5	4	3							GE	-	GE	GE	GE
1 6	ET	7	6)	4	3	2 1/2	2	1 1/2	2 1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • •	;		• • • • • • •		• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •				· · · · · · ·		• • • • • •
															-		
NO	CEIL !	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	ļ																
	20000		85.6	6. در	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
	18000		85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GΕ	16000	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE	14000]	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE	12000	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	į																
GE	100001	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	9000	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE		94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE		96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	,	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
UE	60001	70.0	70.0	70.0	70.0	70.0	70.0	70.7	70.1	70.7	70.7	90.7	70.7	90.7	90.1	90.7	70.7
٥.	5000	99.6	00.4	99.6	99.6	99.6	99.6	99.7	00.7	99.7	~ ~	00 7	~ 7	00.7	~ 7	00.7	00.7
GE	,		99.6	_					99.7	-	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	,	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢΕ		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	3000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	l																
GE	2500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.9	99.9	99,9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500 i	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
	.200									,,,,,	,,,,,,		,,,,,	,0010	,00.0	.00.0	
GE	10001	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	. ,	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	;	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		-					-	-									
GE	1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	9 00 i	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1																
GE		99.9	99.9	99.9	99.9	99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3 00 j	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	i																
GE	000	99.9	99,9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: 03-05

				LS	T TO UT	C: + 7					MONT	H: SEP	HOURS	s: 03·05	1		
CEIL	ING		• • • • • • •		• • • • • •		VISIBI	LITY I	N STATUT	E MILES	••••••	• • • • • •	• • • • • •		• • • • • •	• • • • • •	• • • • •
11		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2	2	1 1/2	1 1/4		3/4	5/8	1/2	3/8	1/4	0
						· · · · · · ·											
NO (EIL I	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
												• / / /			07.0	0	37.0
		87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
		87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
		87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
		87.6	87. <i>6</i>	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE '	12000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE '	10000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GΕ	9000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	8000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	7000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	6000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	5000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
6E	4500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	4000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	3500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.9	99.9	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0
GE	1500	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	- 1	99.9	99.9	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
c.c	5001	00.0	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0			100.0		100.0	100.0	100.0		100.0	100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
GE	100	99.9 I	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
															. .		

TOTAL NUMBER OF OBSERVATIONS 900

D - 2 - 74

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAY 79 - APR 89

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - MONTH: SEP HOURS: 06-08

CF	ILING			• • • • • •		• • • • • •	VISIRI		STATUT		• • • • • •	· · • • • • ·	• • • • • •			• • • • • •	
	IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	EET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
		<i></i>															
	}																
NO	CEIL	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	8 5.0	85.0	85. 0	85.0	85.0	85.0	85.0
GE	20000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	18000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	16000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	14000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	12000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE	10000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE	9000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE	8000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
G€	7000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	6000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	50001	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3500 i	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		}															
GE	2500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1200	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.9	99.9	99,9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	9.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• •								<i>.</i>	• • • • • •							• • • • • •	• • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: SEP HOURS: 09-11

				LS	10 010	0: + /					MONT	H: SEP	HOURS	i: 09-11			
CEILI	NG.	• • • • • •		• • • • • • •	• • • • • • •	• • • • • •	VISIBI	LITY IN	STATUT	E MILES	·····						• • • • • •
1 N	1	GE	G€	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	İ	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • • •	٠٠٠٠	•••••			• • • • • •	· • • • • • •	•••••	• • • • • •		• • • • • •	•••••		• • • • • •	• • • • • • •			
NO CE	 	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
	<u>.</u>																
		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 18			89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
_		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
		90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 12	1 0000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 10	0000	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 9	0000	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 8	3000 j	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 7	7000 j	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 6	0000	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 5	l I nno i	99.6	99.6	99.7	99.7	99,7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	,	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	•	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	, ,	99.9	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	,	99.9	99.9	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
UE 3	,000 1	77.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2	2500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2	2000 j	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	1008	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	1500 j	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	l Lanni	99.9	99.9	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	•	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9			100.0		100.0			100.0	100.0	100.0		100.0	100.0	100.0
GL.	1000	,,,,	,,,,	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	700.0	700.0	100.0	100.0	100.0
CE		99.9	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E	100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0001	99.9	99.9	100.0	100.0	100.0	100.n	100 0	100.0	100.0	100.0	100.0	100.0	100 0	100 O	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

D - 2 · 76

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: 12-14

				LSI	10 010	.: + /					MONTH	I: SEP	HOURS:	12-14			
CEI	LING	• • • • • •	• • • • • • •			• • • • •			STATUTE					• • • • • •	• • • • • • •		
ī	N i	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE
	ET I	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
																• • • • • •	
	CE 1	מ כס	02.7	02.7	82.3	82.3	02.7	0	02.7	02.7	92.7	02.7	92.2	07.7	02.7	02.7	02.7
NU	CEIL	82.3	82.3	82.3	02.3	62.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE	20000	88.0	88.0	88.0	88.0	88.0	88.0	0.88	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE	180001	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	0.83
GE	16000 [88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE	14000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE	12000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE	10000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	,	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE		95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
																, , , ,	70.5
GE	5000	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	4500 j	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	4000	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	3500	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ	3000	99.1	99.1	99.2	99.2	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	2500	99.1	99.1	99.2	99.2	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.1	99.1	99.2	99.2	99.3	99,4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.1	99.1	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.1	99.1	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.1	99.1	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.		, ,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,,,	,,.,	,,,,	,,,,	**.*	**.*	77.7
GE	,	99.1	99.1	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	,	99.1	99.1	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.1	99.1	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.2	99.2	99.3	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.2	99.2	99.3	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500 l	99.2	99.2	99.3	99.3	99.4	99.6	99.8	99.8	99,8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.2	99.2	99.3	99.3	99.4	99.6	99.8	99.8		100.0	100.0			100.0	100.0	100.0
GE		99.2	99.2	99.3	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.2	99.2	99.3	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.2	99.2	99.3	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ų.	100	//· L		,,,,	,,,,		,,.0	.,.0	,,,,	,,,,	. 30.0	.00.0	.00.0	.00.0	.00.0	,00.0	755.0
GE	000	99.2	99.2	99.3	99.3	99.4	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • •	• • • • • •		• • • • • • •	• • • • • •			• • • • • • •		• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •		• • • • • •	• • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7

STATION NAME: DAVIS-MONTHAN AFB AZ
MONTH: SEP HOURS: 15-17

				LST	י דט טדנ	:: + 7					MONT	H: SEP	HOURS	s: 15-17	7		
CF I	LING			• • • • • • •		• • • • • •	VISIRI		N STATUT	F MILES	•••••	• • • • • • •			• • • • • • •		• • • • • •
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
	• • • • • •	· · · · · · ·												,,,,			
		70.7	70.7	70.7	70.7	70.7	72. 7	70.7	70.7	70.7	70.7	70.7	70.7		70.7	70.7	
NO	CEIL (72.3	72.3	72.3	72.3	72 .3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE	20000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE	18000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE	16000]	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
ĢΕ	14000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	12000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE	10000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	,	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	j	l															
GE	5000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	4500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	3500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	,	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	10001	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	,	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
U.E.	000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	99.1	99.1	77.7	77.1	77.1	99.1	99.1	99.1	99.7
GE		99.7	99.7	99.7	99.7	99.7		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.7	99.7	99.7	99.7	99.7		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.7	99.7	99.7	99.7	99.7	99.7	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	99.7	99.7	99.7	99.7	99.7	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0	100.0
GE	1 1 000	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
							•••••										

USAFETAC, ASHEVILLE NC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: SEP HOURS: 18-20

				LST	TO UTO	: + 7					MONT	H: SEP	HOURS	: 18-20			
				<i></i> .		• • • • •			CYATUTE		• • • • •			• • • • • •	• • • • • •	• • • • • •	
-	LING	c c		c.	C.F.	c F			STATUTE				65				25
1		GE 7	GE 6	GE 5	G€ 4	GE 3	GE 2 1/2	GE 2	GE	GE 1 1/4	GE	GE	GE	GE	GE 7 / 9	GE	GE
FE	E 1	,	0	,		3	2 1/2	2	1 1/2	1 1/4	. 1	3/4	5/8	1/2	3/8	1/4	0
• • • •	ا	. .								• • • • • •		• • • • • • •	• • • • • •	• • • • • •		• • • • • • •	
NO	CEIL	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
	1												• • • •				
GE	20000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE	18000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE	16000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE	14000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE	12000	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
	i	ľ															
	10000		89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GΕ	,	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE	1	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	,	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	6000	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	50001) 99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	,	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	,	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6		99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6							
υE	3000	, 99.2 1	77.3	99.4	77.4	99.0	77.0	77.0	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	25001	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	79.7
GE		99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	- ,	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.2	99.3	99.6	y9.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.2	99.3	99.6	99.6	99.7		99.7	99.7	99,7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
			, , , ,								,,,,		,,,,	,,,,	,,,,	,,,,	, , , , ,
GE	1000	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	900	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	800	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	700	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	600]	99.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	1	1															
GE		99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9		100.0	100.0	100.0		100.0	100.0	100.0
G€		99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	200						20.5					400 -	400 -	400 -			400 -
GE	0001	99.2	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • •	• • • • • •	• • • • • • •	• • • • • • •			• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: SEP HOURS: 21-23

			LST	זט טז	C: + 7					MONT	H: SEP	HOURS	s: 21-23	5		
CEILING		•••••	• • • • • •	• • • • • •	• • • • • • •	VISIBI	LITY IN	STATUT	E MILES	· · · · · · · · · · · · · · · · · · ·		• • • • • •				
IN	{ GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
	1											_				
NO CEIL	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1600	oj 84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1400	oi 84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	1 07 0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93,1	93.1	93.1	93.1	93.1	07 1	07.1	07.1
	•				93.1	93.1								93.1	93.1	93.1
	93.0	93.0	93.0	93.0			93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
_	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	98.8	98.8	99. 0	99. 0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 450	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 350	0 99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 250	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	01 99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	01 99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
	•					100.0		100.0							100.0	100.0
	99.7	99.7	99.9	99.9	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100. 0
GE 70	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	oj 99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	 99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	01 99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	31 99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	0) 99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 00	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
									. .					. 		· · · · · •

TOTAL NUMBER OF OBSERVATIONS 900

0 - 2 - 80

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

USAF	ETAC,	ASHEV	ILLE NO					FRU	M HOOKE	A ORZEK	VALIONS	•					
			722745	LST	TO UT	: + 7	V I S - MON'				MONTH	: SEP	HOURS:				
			• • • • • • •	• • • • • • •	• • • • • •				CTATUT			• • • • • •			• • • • • •	• • • • • • •	• • • • • •
CEIL		GE	GE	GE	GE	GE	GE	GE GE	STATUT GE	GE GE		ce	GE	GE	GE	GE	GE
FEE	,		6	5		3	2 1/2			1 1/4			5/8	1/2	3/8	1/4	0
	•											•			3/0	. 1/4	U
NO C	EIL	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2	0000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1	8000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1	6000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1	4000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1	2000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
		. A. 7	04.7	a	0 / /	٠, ,	0, ,	0 , ,	04.4	.	٠.,	. .	•	0 / /		0	
	,	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
		94.6	94.6 95.0	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1	94.6 95.1
		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	95.1 96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	,	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GL	0000	70.7	70.7	,,,,	70.1	70.1	,	,0.0	70.0	70.0	70.0	70.0	,0.0	70.0	70.0	70.0	70.0
GE	5000	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
-		99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GΕ	4000	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	3500	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	3000	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
		}															
		99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	9.9	99.9	99.9	99.9	99.9	99.9
		99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
GE	1200	99.7	99.7	99.8	99.0	99.0	99.8	77.7	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	10001	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ		99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	700	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	600	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		l															
GE		99.7	99.7	99.8	99.8	99.8			100.0			-		100.0		100.0	100.0
GE		99.7	99.7	99.8	99.8	99.8			100.0				100.0	100.0		100.0	100.0
GE	,	99.7	99.7	99.8	99.8	99.8			100.0			100.0	100.0	100.0		100.0	100.0
GE		99.7	99.7	99.8	99.8	99.8			100.0					100.0		100.0	100.0
GE	100	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.7	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	• • • • •	• • • • • •			• • • • • • •			<i>.</i>			· · · · · · ·						

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7

MONTH: OCT HOURS: 00-02

				LST	TO UT	C: + 7					MONT	H: OCT	HOURS	6: 00-02	2		
		• • • • • •	• • • • • •			• • • • • •		• • • • • • •					• • • • • •		• • • • • •	· · · · · · ·	· · · · · ·
LEI	LING	GE	GE	GE	GE	GE	CE	GE	I STATUT GE	E MILES	GE	GE	GE	GE	GE	GE	C.E.
FE:		7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	GE O
	-			<i></i>	 .		. ، ، ، ، ، ،		۰ ، ، ، ،	. , , , , , , , , , , , , , , , , , , ,	· ,			1/2	3/6		
NO	CEIL	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85 2	85.2	85.2	85.2
GE	20000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE	18000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE	16000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE	14000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE	12000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE	10000)	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	9000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	8000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	7000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	6000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	5000 l	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	ç 9.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	4500		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	4000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0
GE	3500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	3000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25001	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0
GE	20001		99.9	99.9	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0		100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0		100.0	100.0	100.0	100.0
GE	,	99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1																
GE		99.9	99.9	99.9	99.9	100.0					100.0			100.0	100.0	100.0	100.0
GE		99.9	99.9	99.5	99.9	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600}	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	99.9	99.9	99.9	99.9	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	106.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7

STATION NUMBER: 722745 PERIOD OF RECORD: MAY 79 - APR 89
MONTH: OCT HOURS: 03-05

					10 010						MUNIT	. 001	nooks	. 03-05			
	LING	• • • • • •		• • • • • • •	•••••	• • • • • •			STATUTI				• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	
	IN I	i GE	ωĒ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
٠,		'	O	,	4	,	2 1/2		1 1/2	1 1/4	,	3/4	5/6	1/6	3/0	1/4	U
			• • • • • • •	· · · · · · · ·			• • • • • • •		• • • • • • •	• • • • • • •					• • • • • • •	• • • • • • •	• • • • • •
		1 0/2	0/ 3	0/ 3	0/ 2	4/ 3	0/ 3	9/ 3	0/ 2	0()	0/ 0	0/ 2	0/ 3	0/ 3	04.0	04.2	n/ 2
NO	CEIL	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2

	20000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	18000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	16000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE	14000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE	12000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
		1															
GE	10000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE	9000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	8000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.	92.6	92.6	92.6	92.6
GE	7000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	0000)	/	,0.3	,0.0	,0.5	70.5	,0,5	,,,,	,0.5	70.5	,0.5	,0.5	,0.5	70.5	,0.5	,0.5
GE	รถถก	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
			99.7	99.7	99.7	99.7	99.7	99.7	99.7			99.7	99.7				
GE		99.7								99.7	99.7			99.7	99.7	99.7	99.7
GE		99.7	99.7	99.7	99.7	99.7	99,7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ	3000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		!															
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1															
GE	1000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	-	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
-		1		.,.,		,,,,,	,00.0	, , , , ,			,00.0			.00,0	.00.0		100.0
GΕ	500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0			100.0		100.0	100.0		100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.9	99.9		99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	
GE				99.9													100.0
GE	וטטו	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		!					***						400 -				400
GE	000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• •				• • • • • • •			• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • •		• • • • • •		• • • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: M'Y 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: .6-08

				LST	to ut	C: + /					MONT	H: OCT	HOURS	6-08	3		
CE 1	LING		• • • • • •		• • • • • •	• • • • • •	VISIBI	LITY I	STATUT	E MILES					• • • • • •		• • • • •
11	N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEI	ET į	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
			 .													<i></i>	
	ļ																
NO '	CEIL	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	ļ																
	20000 (88.8	88.8	88.8	88.8	88.8	8.83	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	18000		88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	16000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	14000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE	12000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
c.	10000 10000	07.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	07.0	93.8
GE	90001		93.8	93.8	93.8	93.8	93.8	93.8	93.8			93.8	93.8	-		93.8	
		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	93.8 94.0	93.8 94.0	94.0	94.0	93.8 94.0	93.8 94.0	93.8 94.0	93.8 94.0
GE GE		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE	60001		97.ŭ	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GC	1 0000	77.0	71.0	77.0	71.0	71.0	77.0	77.0	97.0	77.0	77.0	91.0	77.0	77.0	97.0	47.0	97.0
GE	SAAA I	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
-	1				,				,,,,	,,,,	.,,,	,,,,			,,,,	,,,,	,,,,
GE	2500	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	2000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800 j	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ļ																
GΕ		99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	(99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600 j	99.9	99.9	97.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0	100.0
6 F	5001	00.0	00.0	20.0	00.0	100.0	100 0	100.0	100 0	100 0	100 0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.9 99.9	99.9	99.9	99.9 99.9	100.0	100.0 100.0	100.0	100.0 100.0		100.0	100.0	100.5	100.0	100.0	100.0	100.0
GE		99.9	99.9 99.9	99.9 99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ויייי	77.7 I	77.7	77.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ן ו מממ	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
				,,,,						,,,,,,					100.0		

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 84

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 MONTH: OCT HOURS: 09-11

				F21	10 010	.: + /						1: 001	HOUKS	: 09-11			
CEI	LING								STATUTE			•••••					
11		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET j	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	- ,										· · · · · ·						
NO 1	 CEIL	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
110	1	03.3	05.5	03.3	05.5	03.3	05.5	03.3	03.3	05.5	03.3	05.5	05.5	oy. y	03.3	05.5	05.5
GE	20000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GΕ	18000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE	16000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE	14000	90.8	90.8	90.8	90.8	90.8	9.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE	12000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE	ا 10000 إ	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	8000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE	7000 i	95.5	95.5	95.5	95.5	95.5	95.5	9.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	6000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	5000 l	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	,	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	,	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	,	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		99.4	99.4	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
G.	3000		,,, ,	,,,,	,,,,	,,,,	,,	,,,,	· · · · · ·	,,,,	,,,,	,,,,	,,,,	,,.,	,,.,	,,.,	,,,,
GE	2500	99.4	99.4	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	2000	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	10001	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800 i	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	- ,	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE CE					99.5		–						100.0	100.0	100.0		
GE	1001	99.5	99.5	99.5	77.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: 12-14

				LST	10 010	: + /					MON	M: OCI	HOURS	5: 12-14	•		
CEIL		• • • • • •		•••••	• • • • • • •		VISIRI	1177 1	STATUT	E MILES	• • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • •	• • • • • •		• • • • • •
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEE		7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
ree	' 1	,	O	,	•	,	2 1/2	۲.	1 1/2	. 1 1/4		٦/4	3/0	1/2	3/0	1/4	U
• • • • •	٠٠٠٠٠							• • • • • •									
NO C	FIL	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
.,,	1	01.0	01.0	0	01.0	0	0		5.,0	0110	0	01.0	01.0	01.0	01.0	31.3	01.0
GF 2	0000	88 B	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.88
	8000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	60001		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
_	4000		89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	2000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
00	2000	71.0	71.0	71.0	71.0	71.0	71.0	,,,,	71.0	71.0	,1.0	71.0	71.0	71.0	71.0	,,,,	71.0
GE 1	0000	94 N	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE .	90001		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE	80001		94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	70001		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	60001		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
G.E.	2000	,,.,	,,,,	,,,,	,,,,	,,,,	,,.,	,,,,,	****		,,	,,	,,,,,	,,.,	,,,,	,,,,,	,,.,
GE	5000	08.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	45001		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	40001		98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	35001				99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	,		98.8	98.9			99.0	99.6	-		99.6	99.6	99.6	99.6	99.6		
GE	3000	99.2	99.2	99.4	99.5	99.5	99.3	99.0	99.6	99.6	99.0	99.0	99.0	99.0	99.0	99.6	99.6
GE	2500	00 /	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	20001		99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	18001	-	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	15001		99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1200			99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
46	12001	99.4	99.4	99.3	77.0	99.0	99.0	99.0	99.0	77.0	77.0	99.0	99.0	99.0	77.0	44.0	99.0
G E	10001	00 5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.5	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	•	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UE	0001	77.3	77.0	77.1	77.0	77.0	77.0	100.0	700.0	100.0	100.0	100.0	100.0	100.0	100.5	100.0	100.0
GE	500 i	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.5	99.6	99.7	99.8	99.8	99.8	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	77.3	77.0	77.1	77.0	77.0	77.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0
űΕ	noo l	99.5	99.6	99.7	99.8	99.8	oo മ	100 0	100.0	100.0	100.0	100.0	100.0	100 a	100 O	100.0	100.0
UE	0001	77.3	77.0	77.1	77.0	77.0	77.0	100.0	100.0	.00.0		100.0	.00.0	100.0	100.0	.00.0	100.0
						 .	<i></i>		 .		<i>.</i>						

TOTAL NUMBER OF OBSERVATIONS 930

0 - 2 - 86

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89 MONTH: OCT HOURS: 15-17 STATION NUMBER: 722745

					10 010						1101111		HOUKS.	. 15 11			
CE	11 186		• • • • • • •	• • • • • • •				ITY IN	STATUTE	MILEC	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • •	
-	ILING	1 00	cr	c.c	C.E.	C.E.					C.C.	05	CE	CF	C E	c.=	0.5
	[N	GE	GE	GE	GE	GE	GE 2.4.2	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
F	EET	1 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	ŋ
• •	• • • • • • •	• • • • • •				• • • • • •		• • • • • •	• • • • • •	• • • • • •	· • • • • •	• • • • • •		· · · · · · · ·	• • • • •	• • • • • •	
		1															
NO	CEIL	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
		1															
GE	20000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE	18000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE	16000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE	14000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	12000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	9.2	92.2	92.2
													, -				
GF	10000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
		96.2	96.2	96.2		96.2	96.2	96.2	96.2		96.2		96.2	96.2	96.2		
GE		,			96.2					96.2		96.2			_	96.2	96.2
GE	5000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
		!															
GE		99.4	99.4	99.5	99.5	99.5	99.5	99.5	99,5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	4000	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	3500	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	3000	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		Ì															
GE	2500	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	2000	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
-		1	,,,,	,,,,	,	.,			,,,,	,,,,,		,,,,,	,,,,,				.00.0
GE	1000	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.7	99.7	_	99.9	99.9	99.9	100.0	100.0	-		-		100.0		100.0	
GE				99.8							100.0	100.0	100.0		100.0		100.0
GE	600	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	5.00	1 00 7					22.2	•••	400 0			400.0					
GE		99.7	99.7	99.8	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	99.7	99.8	99.9	99.9	99.9	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	95.7	99.8	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		1															
GE	000	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: 18-20

			LST	TO UT	C: + 7					MONT	H: OCT	HOURS	s: 18-20)		
CEILING	• • • • • • •			• • • • • •		VISIRI		STATUT	F MILES	· · · · · · · ·	• • • • • • •	• • • • • •				• • • • •
IN) GE	GE	GE	GE	GE	GE	GE	GE	GE	, GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
					- • • • • • • •						•					
	ĺ															
NO CEIL	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
	00.7	00.7	00.7		00.7	00.7					06.7	00.7			A. =	
GE 20000		90.3	90.3	90.3	90.3	90.3 90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 18000		90.3	90.3	90.3	90.3 90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 16000 GE 14000		90.3	90.3	90.3 91.1	91.1	91.1	90.3 91.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 12000	•	91.1 92.6	91.1 92.6	92.6	92.6	92.6	92.6	91.1 92.6	91.1	91.1	91.1 92.6	91.1 92.6	91.1	91.1	91.1	91.1
GE 12000	1 92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.6	92.6	92.0	92.0	92.6	92.6	92.6	92.6
GE 10000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	1															
GE 5000	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4500	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 4000	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 3000	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Ì															
GE 2500	99.7	99.7	99.8	99.8	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	1	99.7	99.8	99.8	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0		100.0	100.0	100.0	100.0	100.0		100.0	100.ū	100.0	100.0
	99.7	99.7	99.8	99.8	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	1 99.7	99.7	99.8	99.8	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	100.0		100.0		100.0				100.0		100.0	100.0
uL 100	1	,,,,	,,,,				.00.0	.00.0	.00.0	.00.0	.00.0	,	.00.0	,00.0	.00.0	. 55.5
GE 000	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D · 2 · 88

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: OCT HOURS: 21-23

				LS	i io uii	C: + /					MONT	1: OCT	HOURS	: 21-23			
CEI	LING		• • • • • • •			• • • • • • •	VISIBIL	ITY IN	STATUT	E MILES		•••••	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • •
	N	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
			• • • • • •	• • • • • •					• • • • • •								• • • • • •
	CE 1.	07 7	07 7	07.7	07 7	97 7	97 7	07 7	07 7	07 7	07 7	07 7	07 7	07 7	07 7	07.7	07 7
NU	CEIL	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	20000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
	18000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
	16000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE	14000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE	12000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	(
	10000		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE		94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE	,	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE GE		96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5	96.1 97.5
UE	60 00 (97.5	91.3	97.5	97.3	91.5	91.5	91.3	91.5	97.5	97.5	71.3	97.3	97.3	97.5	97.5	97.5
GE	5000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	3000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Ì	i															
GE		99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.9	99.9	99.9	99.9	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	i																
GE	500	99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4-	000	00.0	00.0	00.0	00.0	100.0	100.0	100.0	100.5	400.0	100.0	400.0	400 0	100.0	100.0	100.0	100.0
GE	000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

			LST	יזט טזנ	: + 7					MONT	H: OCT	HOURS:	ALL			
CEILING						VISIBI		STATUI	F MILES		• • • • • •	• • • • • •		• • • • • •		• • • • • •
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
								· · · · · · ·								
NO CEIL	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
140 0010	02.2	02.2	02.2	02.0	02.2	02.2	00.0	02.2	00.0	02.2	00.0	02.2	02.2	02.2	02.2	02.2
GE 20000	•	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 18000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 16000	•	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89. 2	89.2	89.2	89.2
GE 14000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 12000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 9000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 8000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 7000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 6000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 5000	 98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	i	,,,,		• • • • • • • • • • • • • • • • • • • •		7710	,,,,	,,,,	,,,,	,,,,			***	,,,,	,,.,	,,,,
GE 2500	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2000	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	 99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0
CE 500	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	
	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		• .														100.0
	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7 	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
						<i>.</i>										

TOTAL NUMBER OF OBSERVATIONS 7440

D - 2 - 90

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: NOV HOURS: 00-02

				LST	זס טדנ	: + 7					MONTH	: NOV	HOURS	: 00-02			
CEI	LING	• • • • • •			•••••	• • • • •	VISIBIL	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •	•••••		• • • • • •	• • • • • • •	• • • • • •
1		GE	GÉ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	,	7	6	5	4	3	2 1/2	2		1 1/4		3/4	5/8	1/2	3/8	1/4	0
	;										• • • • • •				 .		
NO	CEIL	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
	1								7								• • • • • • • • • • • • • • • • • • • •
	20000		86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	18000		86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	160001		87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE	14000 [87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GΕ	12000	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	10000	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	9000	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	8000	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE	7000	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE	6000	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE	5000	 96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97,1
GE		97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.1	97.2	97.1	97.2	97.2	97.2
GE		97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1		98.1	98.1	98.1		98.1		
	1									98.1				98.1		98.1	98.1
GE		99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	3000	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE		99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	2000	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1800	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
ĢΕ	1500	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
G€	1200	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1000	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	900	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99,8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	800 i	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	700 [99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	49.8	99.8	99.8
GE	5001	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8			-	99.8
	. ,		-			-	_							99.8	99.8	99.8	
GE		99.4	99.6	99.7 99.7	99.7	99.7 99.7	99.8 99.8	99.8 99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.4	99.6		99.7				99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1001	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	000	99.4	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY ORSEPVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: NOV HOURS: 03-05

				LST	TO UTO	: + 7					MONTH	: NOV	HOURS	: 03.05	ı		
CELL	 ING	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •	VISIRII	ITY IN	STATUTE	MILES	· • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • •	• • • • •
11		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEI		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	• • • • • •																
NO I	l CEIL	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82. 3
.,,		00.3	02.3	02.3	00.3	02.5	02.3	UC.5	02.5	02.5	00.3	02.3	32.3	02.5	G2 .)	02.3	O2.J
	50000		85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
	18000		85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
	16000		85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
	14000 (86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
G E	إ 12000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE	ا 0000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE	9000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91,1	91.1	91.1
GE	8000 j	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE	7000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GΕ	6000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
c.r	50001	04.4	04.4	04 4	04.4	04.4	04.4	04.4	0/ /	04.4	04.4	04.4	04.4	0 / /	5. /	o., .	0. 1
GE		96.6	96.6	96.6	96.6	96.6 97.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE		97.0	97.0	97.0	97.0		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	,	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE		98.9	98.9	98.9	98.9 99.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	3000 j	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	2500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	10001	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	,	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	-)	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	•	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	,	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GL	1000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	79.3	99.3	77.3	99.3	99.3	79.3
GE		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	,	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.5	99.7
ĢΕ	,	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.5	99.5	99.7
GE	100]	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.9
GE	ا 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	100.0
		<i></i>											<i>.</i>				

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: +7 MONTH: NOV HOURS: 06-08 CE D. ING VISIBILITY IN STATUTE MILES GE IN I GE GE GE GE GE GF GE GF GE GF GE 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 3/8 1/4 FEET | 7 80.1 80.1 80.1 80.1 83.2 83.2 83.2 83.2 83.2 83.2 83.2 GE 200001 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.6 83.6 GE 18000 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6 GE 16000| 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83.7 83 7 GE 14000 | 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1 GE 120001 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88 9 RR Q GE 10000 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 91.0 GE 9000 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.8 GE 8000 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 92.3 92.3 92.4 GE 7000 92.3 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 94.1 94.1 94.2 94.2 94.2 94.2 GE 6000 94.1 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 GE 5000 96.9 96.9 96.9 97.0 97.0 97.0 97.0 97.0 97.0 97.6 97 A 97 N 97.0 97.0 **9**7 n 97 N 97.3 GE 4500 97.3 97.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 G€ 40001 98.0 98.0 98.0 98.1 98.1 98.1 98.1 98.1 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.4 98.6 98.6 GE 3500 98.4 98.4 98.6 98.6 98.6 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.8 98.8 98.9 98.9 98.9 98.9 98.9 3000 98.8 98.9 99.0 99.0 99.0 99.0 99 n 99.0 99.0 GE 25001 99.0 99.0 99.0 99.1 99.1 99.1 99.1 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 20001 99.1 99.2 99.2 99.3 99.3 99.3 99.3 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GE 99.3 99.3 99.3 99.3 18001 99.1 99.2 99.2 99.3 GE 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.3 99.3 99.4 99.4 99.4 99.4 99.4 1500 99.1 99.2 99.2 99.3 99.3 99.3 99.3 99.4 GE 99.4 1200 99.1 99.3 GF 99.2 99.2 99.3 99.3 99.3 99.3 99 3 **00** 4 00 A 90 A 99 4 99 4 **90** 4 99 4 10001 99.1 99.2 99.2 99.3 99.3 99.3 99.3 99.3 99.3 99.4 99.4 99.4 99.4 GE 99.4 99.4 99.4 99.2 99.3 99.4 99.4 GE 9001 99.1 99.2 99.3 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 8001 99.1 99.2 99.2 99.3 99.3 99.4 99.4 99.4 99.4 99.6 99.6 GE 99.6 700 99.1 99.6 99.6 99.6 99.2 99.2 99.3 99.3 99.7 99.7 99.7 99.7 99.6 99.7 99.7 99.7 GE 600 99.1 99.2 99.2 99.3 99.3 99.6 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE 500 99.1 99.2 99.2 99.3 99.6 GE 99.3 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.8 GF 4001 99.1 99.2 99.2 99.3 99.3 99.7 99.7 99.7 99.7 99.8 99 A 99.8 99.8 99.9 3001 99.1 99.2 99.2 99.3 99.3 99.8 99.7 99.8 99.8 99.9 99.9 100.0 99.9 99.9 99,9 99,9 GF 200 | 99.1 99.2 99.2 99.3 99.3 99.7 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 GE 100.0 100 99.1 99.2 99.2 99.3 99.3 99.7 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 100.0 GE

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - AFR 89
MONTH: NOV HOURS: 09 11

				LST	to ut	C: + 7					MONT	H: NOV	HOURS	6: 09 1			
 CE I	LING				• • • • • •	• • • • • • •	VISIRI	 : (TY I	 N STATUT	 F MILES		· · · · · · ·	• • • • • • •			• • • • • •	• • • • •
	N (G€	GΕ	GE	GE	GE	GE	GE	GE	GE	, GE	CE	GE	GE	GΕ	GE	GE
	ET	7	6	5	4	3	2 1/2		1 1/2			3/4	5/8	1/2	3/8	1/4	0
							2 1/2			1 1/4	·	3/4	3/6	1/2	3/8	1/4	U
NO	CEIL	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE	20000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE	18000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE	16000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE	14000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
	12000		90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
c F	10000	01.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91,2	91.2	91.2	91.2	01.2	01.3	C: 7	91.2
														91.2	91.2	91.2	
GE	1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE	,	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	8.59	92.8	8.59	92.8
GE	,	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE	6000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	5000	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GΕ	4500	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	4000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	3500	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99 .0	99.0	99.0	99.0
GE	3000	99.0	99.1	99.2	99.2	99.2	99.2	9 9.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	25001	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE		99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1200	77.5	77.4	77.0	77.0	77.1	77.1	77.7	77.1	77.1	77.7	77.1	99.1	77.1	77.7	77.7	77.7
GE	,	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	- 1	99.4	99.6	99.7	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.9	100.0	100.0
GE	. ,	99.4	99.6	99.7	99.9	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700 [99.4	99.6	99.7	99.9	100.0	1000	100.0	100.0		100.0	100.0	100.0	100.6	100.0	100.0	100.0
ζE	600	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	5001	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.5	100.0
GE		99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	190.0	100.0
GE	,	99.4	99.6	99.7	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	130.0	100.0
GE		99.4	99.6	99.7	99.9	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
JE	100	77. 4	77.0	77.1	77.7	100.0	100.0	100.0	100.0	,00,0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
GE	000	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTE NUMBER OF OBSERVATIONS 900

D - 2 - 94

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: NOV HOURS: 12-14

				LST	10 01	C: + /					MONT	H; NOV	HOURS	: 12-14			
CEILIN	iG	• • • • • •		· • • • • • •			VISIBI	ITY IN	STATUT	E MILES	• • • • • •				• • • • • •	• • • • • •	• • • • • •
IN FEET	1	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
•••••	ı	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •		•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • •
NO CEI	Lį	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 200	00	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 180	00	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 160	00	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 140	001	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 120	00	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 100	00	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 90	100	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 80	00)	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 70	00	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 60	00	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 50	000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 45	00	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 40	00	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 35	00	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 30	100 j	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 25	00	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 20	100	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 18	100	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 15	00	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 12	00	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 10	100	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 9	00	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 8	00 j	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7	00 j	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6	00 j	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5	001	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4	00	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3	00	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	•	99.4	99.6	99.6	99.6	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.4	99.6	99.6	99.6	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: NOV HOURS: 15-17

				LSI	TO UT	C: + 7					MONT	H: NOV	HOURS	5: 15·17	,		
CCII		• • • • •	• • • • • • •	• • • • • •	· · · · · ·		VICIDI					• • • • • •				• • • • • •	• • • • • •
CEIL		GE	GE	GE	GE	GF	GE	GE GE	N STATUT GE	GE	GE	GE	GE	GE	GE	c =	c. r
FEE"	•	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	GE 1/4	G E 0
	' (.		2 1/2			. 1 1/4		3/4	3/6	1/2	3/5	1/4	U
	1																
NO CE	EIL	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 20	0000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 18	8000 j	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 16	5000 j	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 14	4000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 17	5000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GF 1	 0000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	j																
GE :	5000 j	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	92.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4	4500 j	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4	4000 j	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE :	3500 į	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE :	3000 j	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
٥	25001	00.7	00 /	00.4	00.4	99.7	00.7	00.7	00.7	00.7	00.7	00.7	00.3	00.7	00.7	00.7	00.7
		99.4 99.4	99.4	99.6	99.6		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		99.4	99.4 99.4	99.6 99.6	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7	99.7	99.7	99.7	99.7
	,	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
	200 l		99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1.	2001	77.4	77.4	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	99.1	77.1	99,7	99.7	77.7	77.7
GE	1000	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	900	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	800	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	99.6	99.7	99.7	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	105.0	100.0	100.0
GE	1	99.6	99.6	99.7	99.7	100.0	100.0	10.0			100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE		99.6	99.6	99.7	99.7	100.0			100.0			100.0		100.0	100.0	100.0	100.0
UE	1001	77.0	77.0	77./	77.1	100.0	,00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.00.0	100.0
GE	000	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
												

TOTAL NUMBER OF OBSERVATIONS 900

D - 2 - 96

USAFETAC, ASHEVILLE NC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

				LS'	r to ut	C: + 7					MONTH	I: NOV	HOURS:	18-20			
CEI	LING		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	 Visibii	ITY IN	STATUT	F MILES	•••••	•••••		• • • • • •			• • • • • •
	N i	GΕ	G€	GE	G E	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
• • •	• • • • • •	<i></i>	• • • • • • •		· · · · · · ·	• • • • • •	• • • • • • •		• • • • • • •		• • • • • •		· • • • • • • •		• • • • • •	· • • • • • •	• • • • •
МО	CEIL	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE	20000	1 87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	18000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
	16000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
	14000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE	12000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE	19000	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GΕ	9000	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.£	93.6	93.6	93.6	93.6
GE	8000	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	7000	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE	6000	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	5000	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GΕ	4500	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE	4000	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	3500	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
ĢΕ	3000	99.2	99.2	99.4	99.7	99.7	99 7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.4	99.4	99.7	99.9	99.9	99.9	99.9	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ		99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1200	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100. 0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	900	99.6	99.6	99.8	100.0	100.0	100.0			100.0		100.0	100.0		100.0	100.0	100.0
GE	800	99.6	99.6	99.8	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	99.6	99.6	99.8	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE	600	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	500	99.6	99.6	99.8	100.0	100.0			100.0		100.0				100.0	100.0	100.0
GE	400	99.6	99.6	99.8	100.0	100.0	100.0			100.0	100.0	100.0		100.0	100.0	100.0	100.0
GE		99.6	99.6	99.8	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	99.6	99.6	99.8	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	000	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

•				LST	TO UT	C: + 7					MONT	1: NOV	HOURS	: 21.23			
	LING				•••••	• • • • • • •			STATUT				• • • • • •		• • • • •		
		GE	GE	GE	GE	GE	GE	GE.	GE	GE	GE	GE	GE	GE	ĞE	GE	GE
		7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	0
						.					·						
	1																
NO	CEIL	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83. 2	83.2	83.2	83.2
GE	200001	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87,4	87.4	87.4	87.4	87.4
-	18000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	16000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE	14000	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE	12000	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	100001	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE	90001		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE	8000		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE		93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	9 1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE		95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	50001	97.4	97.7	97.7	97.7	97.7	97.7	97,7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	45001		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE		98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.5	98.6	98.6	98.6	0.89	98.6
GE		98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.0	98.9
GE		99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
							,			,					,,,,		
GE	2500	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99. 9
GE		99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	•	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1200	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	1000	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.5	100.0
GE	900	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	800	99.4	99.7	99.7	99.8	100.0	100.0	100.0			100.0	100.0		100.0	100.0	100.0	100.0
GΕ		99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0			100.0			100.0	100.0	100.0
GE	600	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.0	100.0	100.0
GE	ا 500	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10C j a	Կոյ ն	100.0
GE	400	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1.45.15	50.0	102.0
GE	300	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1001	160.0	100.0
GΕ	200	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.3	100.0	100.0
GE	100 j	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1000	99.4	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	156.5	100.0

TOTAL NUMBER OF OBSERVATIONS 900

D - 2 - 98

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: NOV HOURS: ALL

													,				
			• • • • • • •		• • • • • •	• • • • • •	VICIOI	 TYV 1M	CTATUTE		• • • • • •	• • • • • •				• • • • • •	• • • • •
-	LING				0.5				STATUTE								
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	1																
NO	CEIL	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	8 0.7
	ļ																
GΕ	20000	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GΕ	18000	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	16000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	14000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE	12000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
												, , , ,			, , , ,		
GE	10000	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE	,	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE		93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	•			95.3	95.3	95.3	95.3										
GΕ	9000	95.2	95.2	95.5	95.5	93.3	97.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	10001	07 (07.5	07.5	07 (07 (03 (07.4	07.4	07.4	o 7 /	07.4	07.4		07.	67.	
GE		97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE		97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE		98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
G€		98.9	99.0	9 9.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GΕ	30 00	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	2500	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	2000	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE	1800	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1500	99.4	79.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	1200	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	i																
GĒ	1000 i	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	90.8
υĘ	0007	77.4	77.3	77.0	77.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	9.0
C.F.	5001	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE																	
G€		99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	97.7	99.9	99.9	99.9	99.9	91.9
GE	٠,	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	95.9
GE		99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	94.9
GE	100	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE	000 i	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: DEC HOURS: 00-02

CEILING					F2.	T TO UT	C: + 7					MONT	4: DEC	HOURS	: 00-02			
FRET 7				• • • • • • •	• • • • • •			VICIDI.	177 1	CTATUT		• • • • •		• • • • • • •	• • • • • • •		• • • • • •	· · · · · ·
REET 7			CE	CE	ce	C.E.	c c					CE	CE	Ć.	٥.	cc		65
NO CEIL 79.9 79.9 80.0 80.1		,																
GE 20000 83.9 83.9 84.0 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1	ree	. 1	,	Ü	,	-	,	2 1/2	۲.	1 1/2	1 174	'	3/4	2/0	1/2	3/6	174	U
GE 20000 83.9 83.9 84.0 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84.1													• • • • • • •	• • • • • •	• • • • • • •			
6E 18000 84.2 84.2 84.3 84.4 <th< td=""><td>NO S</td><td>CEIL</td><td>79.9</td><td>79.9</td><td>80.0</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td><td>80.1</td></th<>	NO S	CEIL	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
6E 18000 84.2 84.2 84.3 84.4 <th< td=""><td></td><td></td><td>07.0</td><td>07.0</td><td>n/ 0</td><td>0</td><td>0/ 1</td><td>0.4</td><td></td><td>a</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>			07.0	07.0	n / 0	0	0/ 1	0.4		a								
GE 16000 84.2 84.2 84.3 84.4 84.4 84.4 84.4 84.4 84.4 84.4																		
GE 14000 84.8 84.8 84.9 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1		1																
GE 12000 87.1 87.1 87.2 87.3		,																
GE 10000 88.5 88.5 88.6 88.7 88.7 88.7 88.7 88.7 88.7 88.7		,																
GE 9000 88.8 88.8 88.9 89.0 89.0 89.0 89.0	GE !	12000	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.3	87.3	87.3
GE 9000 88.8 88.8 88.9 89.0 89.0 89.0 89.0	GE 1	ا ا 10000 ا	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2000 90.1 90.1 90.2 90.3		1																_
GE 7000 91.2 91.2 91.3 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4	GE	2000	90.1															
GE 5000 93.0 93.0 93.1 93.3 93.3 93.3 93.3 93.3 93.3 93.3																		
GE 5000 93.0 93.0 93.1 93.3	GE	,																
GE 4500 93.8 93.8 93.9 94.1																		
GE 4000 95.8 95.8 95.9 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96	GE	5000	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500 97.1 97.1 97.2 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4	GE	4500	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000 97.6 97.6 97.8 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98	GΕ	4000	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	95.1
GE 2506 98.2 98.2 98.4 98.7 99.4 99.4 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 99.6 99.6 99.6 68.8 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8	GE	3500	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000 98.4 98.4 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.4 99.5 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.7 99.7 99.7 99.7 68.5 500 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.7 99.7 99.7 99.7 68.5 300 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.8 99.8 99.8 69.8 68.5 69.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8	GE	3000	97.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000 98.4 98.4 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.4 99.5 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.6 99.6 99.6 68.6 600 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.7 99.7 99.7 99.7 68.5 500 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.7 99.7 99.7 99.7 68.5 300 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.8 99.8 99.8 69.8 68.5 69.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8																		
GE 1800 98.4 98.4 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.2 99.4 99.5																		
GE 1500 98.4 98.4 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.2 99.4 99.5 99.5 99.5 99.6																		
GE 1200 98.4 98.4 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.6											_			-			-	
GE 1000 98.4 98.4 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.2 99.4 99.4 99.5 99.6																		
GE 900 98.4 98.4 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.6 GE 800 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 GE 500 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.7 99.7 99.7 99.7 GE 500 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.7 99.7 99.7 99.7 GE 300 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.5	GE	1200	98.4	98.4	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	39.4
GE 900 98.4 98.4 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.2 99.4 99.4 99.5 99.5 99.6 99.6 99.6 GE 800 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 GE 500 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.7 99.7 99.7 99.7 GE 500 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.7 99.7 99.7 99.7 GE 300 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.5	GE	1000 I	98.4	98.4	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99 4	99.5	00 S	79 5	99.5
GE 800 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.6		,																
GE 700 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 99.6 99.6 66 99.6 99.																		
GE																		
GE 500 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.7 99.7 99.7 99.7 99.7 6E 400 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.5																		
GE 400 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.7 99.7 99.7 99.7 6E 300 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.8 99.8 99.8 99.8 6E 200 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.8 99.8 100.0 100.0		į																
GE 300 98 4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.8 99.8 99.8 99.8 65.8 99.8 65.8 99.8 65.8 99.8 65.8 99.8 65.8 99.8 100.0	GE	500	98.4	98.4	98.6		99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7
GE 200 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.8 99.8 100.0 100.0	-										99.4	99.4	99.5	99.5	99.7	49.7	99.7	99.7
	GE	300	98 4	98.4	98.6		99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8	99.3	99.8	99.8
	ÚΕ			98.4	98.6	99.0		99.4	99.4	99.4	99.4	99.4	9.5	99.5	99.8	99.8	190.0	160.0
GE 160 98.4 78.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.8 99.8 tob.6 100.0	GE	160	98.4	78.4	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	59.5	99.5	99.8	ହହାଞ	100.0	100.0
	c =	0.000	00 /	00 /	00 1	00.0	00.3	00	20. /	00 /	00 :	60.7	n: i	24 F	65.0			
GE 000 98.4 98.4 98.6 99.0 99.2 99.4 99.4 99.4 99.4 99.5 99.5 99.8 59.8 59.8 59.8 59.8	() E	ן טטט	98.4	98.4	98.6	99.0	99.2	99.4	99.4	99.4	99.4	97.4	94.5	99.5	99.8	57.3		2.35

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: DEC HOURS: 03-05

				LST	דט טדנ	: + 7					MONTH	: DEC	HOURS	: 03-05			
CEI	LING	• • • • • •	• • • • • • •				VISIBIL	 1TY IN	STATUTE	MILES	• • • • • •		•••••	• • • • • • •		• • • • • •	• • • • • •
	N	GE	GE	GE	GE	GE	GE.	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE		7	6	5	4	3	2 1/2	5		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
• • • •			• • • • • • •		• • • • • •			• • • • •		• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • •
NO	CEIL	78.9	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
G E	20000	82.7	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE	18000	83.0	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE	16000	0.88	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
G€	14000	83.2	83.3	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE	12000	86.7	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE	10000	88.0	88.1	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE	,	88.1	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE	8000	88.9	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE	7000	90.0	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE	6000	91.4	91.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GΕ	50001	93.3	93.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE		93.9	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE		95.4	95.5	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	,	96.0	96.1	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE		96.7	96.8	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	2500 l	97.1	97.2	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
G€		97.7	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE		97.7	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	,	98.1	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE		98.1	98.2	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE	1000 i	98.1	98.2	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		98.1	98.2	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		98.1	98.2	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE		98.1	98.2	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE		98.1	98.2	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GΕ	5001	98.1	98.2	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE		98.1	98.2	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE		98.1	98.2	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE		98.1	98.2	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE		98.1	98.2	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
O.	,001	, , ,	74.6	70.7	70.7	77.0	,,,,	//.0	77.0	77.0	77.1	77.1	77.1	.00.0	,00.0	,00.0	100.0
GE	000	98.1	98.2	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 APR 89
LST TO UTC: + 7 MONTH: DEC HOURS: 06-08

			LST	זט טזט	: + 7					MONTH	: DEC	HOURS	: 06-08			
CEILING	• • • • • • •			• • • • • • •	• • • • • • •	VISIRI	TTV IN	STATUTE			• • • • • • •	• • • • • •	• • • • • •	· · · · · · ·	• • • • • •	• • • • •
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	űΕ
FEET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	' <i></i> .															
					77.			~								
NO CEIL	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 20000) 82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	0.58	82.0	82.0
GE 18000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000		83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 12000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
	1															
GE 10000		88.0	88.0	0.88	88.0	88.0	88.0	88.0	88.0	88.0	0.88	0.88	88.0	0.88	088	88.0
	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	2.38	88.2
	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 6000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
									,							
GE 2500	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	98.5	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 1800	98.5	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 1500	98.6	98.6	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 1200	98.6	98.6	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 1000	1 98.6	98.6	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
	98.6	93.6	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
	98.6	98.6	4S.6	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
	98.6	98.6	98.7	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
	98.6	98.6	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
aL 000	1	70.0	,,,,	70.0	,,	,,	,,.0	,,.0	,,.0	,,,,	77.0	,,,,	77.0	77.0	77.7	77.1
	98.6	98.6	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
	98.6	98.6	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
	98.6	98.6	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
	98.6	98.6	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.3	99.8	99.8	99.9	99.9
GE 100	98.6	98.6	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	[1 98.6	98.6	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.3	00.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: DEC HOURS: 09-11

				LST	זט שזכ	: + 7					MONTH	: DEC	HOURS:	09-11			
CEL	LING	• • • • • •			• • • • • •	• • • • • •	VISIBIL	 ITY IN	STATUTE	MILES	•••••	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • •
I		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ
FE		7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		· · · · · · ·		. .													
	[
NO	CEIL	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73 .7	73.7	73.7	73.7	73.7
GΕ	20000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE	18000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE	16000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE	14000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE	12000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GF	1 00 00	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GΕ	,	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	80001		89.5	89.5	89.5	89,5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	60001		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
OL.	0000	,	, , ,	,,.,	,,,,	,,,,	,,.,	,,,,	,,,,	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GΕ	5000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	4500	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE	4000	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GΕ	3500	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE	3000	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	j																
GE	2500	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	2000	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99. 0	99.0	99.0	99.0	99.1
GE	1800	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1
GE	1500	78.4	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2
G€	1200	98.4	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2
GE	10001	98.5	98.6	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6
GE		98.5	98.6	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6
GE		98.7	98.8	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE		98.7	98.8	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE		98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE	5001	98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
										-				_			
GE		98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE		98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE		98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE	100	98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE	000	98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: DEC HOURS: 12-14

			LST	ודט טדנ	C: + 7					MONT	H: DEC	HOURS	: 12-14			
CEILING					• • • • • • •	VISIBI	LITY IN	STATUT	E MILES	· · · · · · · · · · · · · · · · · · ·				• • • • •	• • • • • •	· · · · · ·
1 N	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE
FEET	7	6	5	4	3	2 1/2			1 1/4		3/4	5/8	1/2	3/8	1/4	Û
	·						· · · · · ·									
	}						_									
NO CEIL	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
cr 3000		01 1	01 1	01 1	01 1	01 1	01 1	01 1	01 1	01 1	01 1	01 1	01 1	01.1	01 1	0.1 1
GE 2000 GE 1800		81.1 81.5	81.1 81.5	81.1 81.5	81.1 81.5	81.1 81.5	81.1 81.5	81.1 81.5	81.1 1.5	81.1 81.5	81.1 81.5	81.1 81.5	81.1 81.5	81.1 81.5	81.1 81.5	81.1 81.5
GE 1600	•	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1400		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1200		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GL 1200	1	07.0	05.0	03.0	0,.0	03.0	05.0	05.0	07.0	07.0	0,.0	07.0	03.0	07.0	05.0	07.0
GE 1000	0 88.0	88.0	88.0	88.0	88.0	88.0	88.0	0.88	88.0	88.0	88.0	38.0	88.0	88.0	0.88	88.0
GE 900	0 88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 600	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
		4. 4														
	0 94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	0] 97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	0 97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8		97.8
GE 300	98.5	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 250	98.8	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	0 98.9	98.9	99.1	9.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	0 98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	0 98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	0 99.0	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	İ															
	0] 99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	3 99.1	99.1	99.5	99.6	99.7	99.8	99.8	99. 8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.1	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 60	99.1	99.1	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.ú	150.0	100.0	100.0
٠٠ ٤٥) 0 99. 1	99.1	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.5	100.0	100.0
	3 99.1		99.6	99.7	99.8	99.9	100.0		100.0					100.0		
	01 99.1	99.1 99.1	99.6	99.7	99.8	99.9			100.0	100.0	100.0		100.0	100.0	100.0	100.0
	01 99.1	99.1	99.6	99.7	99.8	99.9	100.0		100.0	100.0	100.0		100.0	100.0	100.0	100.0
	0 99.1	99.1	99.6	99.7	99.8	99.9	100.0		100.0	100.0			100.0	100.0	100.0	100.0
GL 10	- ₁	,,,,	,,,,		,,.0	,	.00.0		,00.0	,00.0	1.50.0	190.0	100.0	100.7	100.0	150.0
GE 00	99.1	99.1	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 104

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: DEC HOURS: 15-17

				LJI	10 010						MONT	n: DEC	HOUKS	: 15.17			
CEI	LING				• • • • • • •				STATUTE		••••	• • • • • • •	• • • • • • •	• • • • • • •			
	N I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
				<i></i>													
				-		77 /	·	 .	 ,			 .					
NO	CEIL	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE	20000	80.8	80.8	80.,	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE	18000	80.9	80.9	80.9	80.9	80.9	80.9	9.08	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE	16000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE	14000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE	12000	85.7	85.7	85.7	85.7	85.7	35.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE	19000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE	. ,	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE		93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
-													, , , ,			, 3	, , , ,
G€	5000	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GΕ	4500	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE	4000	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	3500	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GΕ	3000	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	2500 l	98.7	98.7	99.1	99.4	99.4	99,4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	ç9.4	99.4
GE		98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE		98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE		98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE		98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE		98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE		98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE		98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE		98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GΕ	6001	98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE	500	98.7	98.7	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE	400	98.7	98.7	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE	300	98.7	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GΕ	200	98.7	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	98.7	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	 00 0	98. 7	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ
LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89
MONTH: DEC HOURS: 18 20

			LS	10 011	L: + /					MUNI	ח: טבנ	nouk:	יה סו בי	1		
CELL INC	• • • • • • •					WICIDI		STATUT			• • • • • • •	• • • • • •			• • • • • • •	· · · · · ·
CEILING	65	^=	C E		c.						65	c -	65			
[N]	GE	GE	GE	GE	GE	GE 2	GE	GE	GE	GE	GE	G E	GE	GE	GE	GE
FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
						• • • • • • •		• • • • • •	• • • • • •	. .		• • • • • •				<i></i>
	ļ															
NO CEIL	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 20000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 18000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	8.08	80.8	3.08	9.08	80.8
GE 16000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	8.08	8.08	80.8
GE 14000		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 12000	•	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 12000	U4.5	04.3	04.5	04.5	04.3	04.5	04.5	04.3	04.3	04.5	04.3	04.5	04.3	04.7	04.5	04.3
GE 10000) 94 0	85.0	94.0	86.0	86.0	86.0	86.0	84 N	94 0	96.0	94 0	94 C	04.0	94 6	94 0	24.0
			86.0					86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
. –	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 6000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	1															
GE 5000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4500	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000)	,,,,	/0.1	70.1	70.1	,0.1	70.1	70.7	70.1	70.1	,0.,	70.	, , , ,	70.1	70.1	,0.
GE 2500	98.0	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	98.7	98.7	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99. 5	99.5	99.5
GE 1200	98.7	98.7	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	1															
GE 1000	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
42 300	, , , , , ,	70.0	,,,,	,,,,	,,,,	,,,,	,,,,	//.0	,,.0	,,,,	,,,,	,,,,	,,,,	,,,,,	* * * * *	,,,,
ce 500	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	1.00.0
GE 100	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	100.0	100.0	100.0	100.0	150.0	190.0	100.0
	1															
GE 000	98.8	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	150.6	150.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: DEC HOURS: 21-23

				LST	to uto	: + 7					MONTH	: DEC	HOURS	: 21-23			
CEI	LING				• • • • • •		VISIRI	ITY IN	STATUTE	MILES	• • • • • •	• • • • • • •	• • • • • •			• • • • • •	• • • • •
		GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FE	,	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	- ·													• • • • • • •			
		70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	~~ -	70.7
NO	CEIL	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE	20000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
	18000		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GΕ	16000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE	14000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE	12000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE	10000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE	,	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE		89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE	,	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91,5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
	0000			, , • ,						,,,,		, , , , ,	,,,,		, , , ,	,,,,	75
GE	5000	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GΕ	4500	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
SΕ	4000	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	3500	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE	3000	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
G E	2500	l ! 98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE		98.2	98.2	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE		98.2	98.2	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE		98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE		98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	y9. 9	99.9	99.9	99.9	99.9
	1000	98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE CE	,	98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7 99.7	99.7	99.9	99.9	99.9			99.9
GE Ge		98.5		99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9 99.9	99.9	99.9
GE		98.5	98.5 98.5	99.1	99.6	99.6	99.7 99.7	99.7	99.7 99.7	99.7 99.7	99.7	99.9	99.9	99.9	99.9	99.9 99.9	99.9
_		98.5		99.1	99.6	99.6	99.7 99.7	99.7	-	99.7	99.7	99.9	99.9	99.9		-	99.9
GE	500	78.3	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE		98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE		98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE		98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
ĴΕ		98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
ű£	1001	98.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
ĜΕ	000	78.5	98.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	106.0
		<i></i>				• • • • •											

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 72745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89
LST TO UTC: + 7 MONTH: DEC HOURS: ALL

				LST	TO UTO	: + 7					MONT	1: DEC I	HOURS:	ALL			
CEILIN	•••••	• • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	VISIRII	ITY IN	STATUTE	MILES	• • • • • •	• • • • • •		• • • • • •	• • • • • •		• • • • •
IN		ŝΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	'	7	6	5	4	3	2 1/2	2		1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
		, ,	7. 1	7/ 0	7/ 2	74.0	74.0	7 4 0	34.5	7/ 2	7/ 3	7/ 2	7. 3	74.0	7. 7	.	7. 5
NO CET	L] /c	5.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76 2	76.2	76.2
GE 200	00 8	1.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 180			81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	0.58
GE 160	00 82	2.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 140	00 83	3.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 120	00 85	5.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85. 8
GE 100	กกเลว	7.7	87.7	87.7	87,7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	00 87		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	8.0	88.0	88.0	88.0	88.0	88.0	88.0
	00 89		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
	00 90		90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	00 9		91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 00			71.0	,,,,	,,,,	, ,	,,,,	,,,,	,,,,	,,,,	,,,,	71.7	,,,,	71.7	71,7	71.7	71.7
GE 50	00 93	3.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 45	00 94	4.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 40	00 96	5.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	9 ₀ .5	96.5	96.5	96.5	96.5	96.5
GE 35	00 97	7.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 30	00 9	7.9	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 25	00 98	R 2	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	001 98		98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
	00 98		98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
	00 98		98.6	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
	00 98		98.6	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GC 12	1	,	,0.0	,0.,	,,,,	,,,,	,,,,	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 10	00 98	3.6	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 91	00 98	3.6	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 8	00 j 98	8.6	98.6	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 7	00 j 98	8.6	98.6	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	22.7
GE 6	00 j 98	8.6	98.6	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
GE 51	 100	8 6	98.6	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
	00 98		98.6	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
	00 98		98.6	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.0	99.9	99.9	99.9
	001 98		98.6	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	
	001 98			99.0	99.3	99.5	99.5 99.5	99.6			99.8	99.8	99.8	99.9	99.9		100.0
GE 1	00 98 	0.0	98.6	99.0	77.3	77.5	77.3	44.0	99.6	99.6	77.0	9 9.8	99.B	79.9	99.9	100.0	100.0
GE 0	00 98	8.6	98.6	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
											. 						

TOTAL NUMBER OF OBSERVATIONS 7440

D · 2 · 108

USAFETAC, ASHEVILLE NC

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

			162,47	LST	TO UT		VIS HORT	una ni	D 72			i: ALL		ALL	AFR		
	ILING	• • • • • •	• • • • • •		• • • • • •		VISIBIL		STATUTE		• • • • • •			• • • • • • •		• • • • • •	
	IN Ì	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	ET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
			• • • • • •	 .			• • • • • • • •		• • • • • • •						• • • • • • •	• • • • • •	
NO	CEIL	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE	20000	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GΕ	18000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE	16000	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE	14000	84.3	94.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
	12000		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
~~	10000	01.2	01.3	01.3	01.3	01.2	01.3	01.3	01.2	01.3	01.2	01.3	01.2	01.2	01.0	01.3	01.3
	10000	1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE		94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE	6 000	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
G£	5000	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	4500	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE	4000	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	3500	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	3000	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	2500	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE		99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	1000	99.5	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	000	99 .J 	77.0	77.7	77.0	77.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE		99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE		99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9				100.0	100.0
GE		99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0		100.0		100.0	100.0
GE	200	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	100	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
		l															

TOTAL NUMBER OF OBSERVATIONS: 87665

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JAN HOURS:ALL

	• • • • • • • • • • • •			AIRWAY CL	ASSES	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •
HOURS	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00.02	42.3	23.4	21.0	13.3		34.3	.4	930
03-05	43.7	21.0	21.4	13.9	.1	35.4	.5	930
06-08	31.0	31.0	23.9	14.2		38.1	.8	930
09-11	19.9	39.9	25.8	14.4		40.2	.6	93 0
12-14	16.9	41.3	27.0	14.8		41.8	.3	930
15-17	15.3	38.0	33.1	13.5	.1	46.8	.3	930
18-20	23.0	36.8	24.5	15.6	.1	40.2	.3	93 0
21-23	37.7	24.5	21.9	15.8		37.7	.2	930
ALL HOURS	28.7	32.0	24.8	14.4	.0	39.3	.4	7440

MONTH: FEB HOURS: ALL

00-02	39.2	26.5	19.6	14.7		34.3	.2	849
03-05	40.9	25.9	15.9	17.0	-4	33.2	.2	849
06-08	26.4	37.6	23.2	12.7	.1	36.0	.5	849
09-11	17.2	40.0	28.0	14.7		42.8	.2	849
12-14	12.4	39.5	29.7	18.5		48.2		849
15-17	13.1	35.8	31.6	19.6		51.1	.1	849
18-20	19.3	33.5	30.3	17.0		47.2	.2	849
21-23	32.7	29.1	24.5	13.7		38.2		849
ALL {	ar 4		25.2				_	
HOURS	25.1	33.5	25.3	16.0	.1	41.4	.2	6792

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: MAR HOURS:ALL

				AIRWAY CL	ASSES			
HOURS	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL
00-02	43.0	27.2	15.3	14.5	• • • • • • • • • • • • • • • • • • • •	29.8	.3	930
03-05	45.2	27.4	13.5	13.9		27.4	.2	930
06-08	27.8	37.7	21.0	13.4		34.4	.4	930
09-11	23.0	41.2	22.0	13.8		35.8	.4	930
12-14	17.6	41.4	77.0	14.0		41.0	.2	930
15-17	i 15.5	38.8	30.6	15.1		45.7	.4	930
18-20	21.2	40.1	26.0	12.7		38.7		930
21-23	39.1	27.6	20.5	12.7		33.2		930
ALL HOURS	29.1	35.2	22.0	13.8		35.8	.3	7440

MONTH: APR HOURS: ALL

00-02	49.0	24.6	15.8	10.7	26.4	900
03-05	47.0	29.2	15.0	8.8	23.8	900
06-08	30.8	38.0	22.8	8.4	31.2	900
09-11	24.2	43.4	21.7	10.7	32.3	900
12-14	15.6	47.7	25.9	10.9	36.8	900
15-17	13.1	48.4	26.9	11.6	38.5	899
18-20	22.0	42.9	23.3	11.8	35.1	897
21-23	41.5	30.2	17.1	11.3	28.3	897
ALL HOURS	30.4	38.1	21.0	10.5	31.6	7193

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: MAY HOURS: ALL

AIRWAY CLASSES											
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS			
00-02	55.8	25.1	13.8	5.4	• • • • • • • • • • • • • • •	19.1	• • • • • • • • • • • • • • • • • • • •	930			
03-05	52.2	32.3	11.3	4.3		15.6		930			
06-08	39.1	41.2	15.2	4.5		19.7		930			
09-11	30.3	48.2	16.8	4.7		21.5		93 0			
12-14	20.6	54.0	20.8	4.6		25.4		930			
15 - 17	19.2	50.6	23.7	6.5		30.1		930			
18-20	26.0	45.4	21.8	6.8		28.6		930			
21-23	47.5	30.9	15.3	6.3		21.6	.2	93 0			
ALL HOURS	36.4	40.9	17.3	5.4		22.7	.0	7440			

MONTH: IUN HOURS: ALL

00.05	56.7	29.0	10.2	4.1		14.3		900
03-05	51.3	34.3	11.7	2.7		14.3		900
06-08	38.4	43.0	15.9	2.7		18.6		900
09-11	36.6	46.8	14.1	2.6		16.7		900
12-14	25.2	52.3	19.4	2.9	.1	22.4		900
15 - 17	20.4	50.4	24.3	4.8		29.1	. 1	900
18-20	26.1	43.9	22.7	7.3		30.0		900
21-23	46.0	33.6	14.7	5.8		20.4		900
ALL HOURS	37.6	41.7	16.6	4.1	.0	20.7	.0	7 200
								

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS:ALL

EST TO UTC: 4 / MONTH: JUL HOURS:ALL

				AIRWAY CL	ASSES			
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	18.9	32.9	28.8	19.4	• • • • • • • • • • • • •	48.2		930
03.05	17.4	37.5	30.3	14.7		45.1		930
06-08	8.9	43.1	41.8	6.1		48.0	.2	930
09-11	8.9	54.9	30.5	5.6		36.1		930
12-14	3.2	61.1	31.6	4.1		35.7		930
15-17	2.9	49.1	42.6	5.4		48.0	.1	930
18-20	5.2	34.8	45.1	14.8	.1	60.0		930
21-23	14.2	30.1	33.1	22.6		55.7	.1	930
ALL HOURS	10.0	43.0	35.5	11.6	.0	47.1	.1	7440

MONTH: AUG HOURS: ALL

00-02	17.8	32.0	31.6	18.5	50.1	• • • • • • • • •	930
03-05	19.7	39.6	28.4	12.4	40.8	.1	930
80-60	7.8	49.6	35.4	7.2	42.6		930
09-11	5.8	63.1	27.6	3.4	31.1	.1	930
12-14	2.2	63.1	32.4	2.4	34.7		930
15 - 17	1.3	50.1	41.0	7.6	48.6	.5	930
18-20	3.8	34.7	48.1	13.4	61.5	.1	930
21-23	13.0	29.0	37.7	20.2	58.0		930
ALL HOURS	8.9	45.2	35.3	10.6	45.9	.1	7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89 MONTH: SEP HOURS:ALL

				AIRWAY CL	ASSES			
HOURS	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL	GT	PARTIAL	TOTAL
(LST)					OBSCURATION	1/2	OBSCURATION	OBS
00-02	43.4	34.0	17.7	4.9		22.6	.1	900
03-05	45.4	34.8	17.2	2.6		19.8	.2	900
06-08	18.3	62.0	16.2	3.4		19.7		900
09-11	13.2	68.1	16.0	2.7		18.7		900
12 - 14	7.0	68.7	21.4	2.9		24.3		900
15-17	6.6	61.2	27.6	4.7		32.2		900
18-20	13.6	51.3	27.6	7.6		35.1	.4	900
21 - 23	32.9	39.7	18.7	8.8		27.4	.2	900
ALL HOURS	22.6	52.5	20.3	4.7		25.0	. 1	7200

MONTH - OCT HOURS: ALL

	. 		. .				
00-02	50.3	29.5	15.5	4.7	20.2		930
03-05	53.7	26.0	15.7	4.6	20.3		930
06-08	32.8	44.3	18.3	4.6	22.9	.1	930
09-11	25.9	46.9	21.3	5.9	27.2	.5	930
12-14	15.3	55.5	21.6	7.6	29.2	.1	930
15-17	14.8	53.2	24.1	7.8	31.9		930
18-20	27.8	45.3	20.0	6.9	26.9		930
21-23	44.9	32.2	16.6	6.3	22.9		930
ALL HOURS	33.2	41.6	19.1	6.1	25.2	.1	7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: NOV HOURS:ALL

				AIRWAY CL	ASSES		• • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
HOURS (CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	55.6	23,2	13.1	7.9	.2	21.2	.1	900
03-05	53.8	23.2	13.7	8.9	.4	23.0	.2	900
06-08	32.6	38.4	20.1	8.6	.3	29.0	.8	900
09-11	23.8	46.0	20.4	9.7	.1	30.2	.4	900
12-14	19.8	47.4	23.7	9.1		32.8	.1	900
15-17	19.8	45.7	26.6	8.0		34.6	.1	900
18-20	34.1	38.1	19.0	8.8		27.8	.2	900
21-23	49.9	26.0	15.4	8.7		24.1	.2	900
ALL HOURS	36.2	36.0	19.0	8.7	.1	27.8	.3	7200

MONTH: DEC HOURS: ALL

00-02	45.7	25.9	17.6	10.4	.3	28.4	.8	930
3-05	45.3	27.4	16.5	10.5	.3	27 .3	1.2	930
6-08	31.4	34.5	23.0	10.9	.2	34.1	.6	930
9-11	21.4	38.3	28.5	11.8		40.3	.8	930
2-14	16.0	40.1	30.	13.3		43.9	.8	930
5-17	16.2	38.7	30.8	14.3		45.1	.6	930
8-20	27.6	30.4	26.9	14.9	.1	41.9	.9	930
1-23	43.4	22.5	20.2	13.8	.1	34.1	.8	930
ALL	30.9	32.2	24.2	12.5	. 1	36.9	.8	7440

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

• • • • • • • • • • • • • • • • • • • •	LST TO UTC: + 7	MONTH: ALL HOURS: ALL
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	••••••		•••••	AIRWAY CL	ASSES			
HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	43.1	27.8	18.4	10.7	.0	29.1	.2	10959
03-05	42.9	29.9	17.6	9.5	.1	27.2	.2	10959
06-08	27.1	41.7	23.1	8.1	.1	31.2	.3	10959
09-11	20.8	48.1	22.7	8.3	.0	31.1	.3	10959
12-14	14.3	51.1	25.9	8.7	.0	34.6	.1	10959
15-17	13.2	46.7	30.3	9.9	.0	40.1	.2	10958
18-20	20.8	39.8	28.0	11.5	.0	39.4	.2	10956
21-23	36.9	29.6	21.3	12.2	.0	33.5	.1	10956
ALL HOURS	27.4	39.3	23.4	9.8	.0	33.3	.2	87665

PPPPP	PPPPPPPP AAAAAA	AAA	RRRRI	RRRR	***************************************	EEEEEEEEE	
PPPPP	PPPP	AAAA	AAAA	RRRR	RRRRR .	111111111	EEEEEEEEE
PP	PP	AA	AA	RR	RR	ŢŢ	EE
PP	PP	AA	AA	RR	RR	ŢŢ	EE
PPPPP	РРРР	AA	AA	RRRR	RRRRR	TT	EEEEEE
PPPPP	PPP	AAAAA	AAAAA	RRRR	RRRR	τT	EEEEEE
PP		AAAAA	AAAAA	RR	RR	ŢŢ	EĒ
PP		AA	AA	RR	RR	ŢŢ	EΕ
PP		AA	AA	RR	RR	ŢΤ	EEEEEEEEE
PP.		AA	AA	RR	RR	ΤΤ	EEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE - CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE
POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS
SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE
YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 3,
GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS,
STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES

CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED

DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY"

PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMP-ERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN. ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS - DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.
THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29,
"ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULS AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS:

F = 1.8C + 32

C = K - 273.0 (BEFORE 5 APRIL 77) C = K - 273.2 (SINCE 5 APRIL 77)

RELATIVE HUMIDITY -- CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE
HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED.
THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801-8904 LST TO UTC: +07 MONTH: ALL HOURS: ALL

	-												
) I						.4	.2					
GE 105					.2	11.5	10.3	1.8	1.2				2.1
GE '00	i			.3	4.	42.1	41.6	20.8	13.0	.4			10.1
GE 95	i			1 2.8	21.0	72.1	74.1	60.8	43.5	6.9			23.4
CE 90)			12.2	49.9	91.6	91.6	88.5	75.4	26.5	.1		36.4
GE 85	, i	2	.5 5.	32.8	73.5	98.4	97.9	98.1	90.9	50.5	5.6		46.2
GE 80) 1.	6 5	.8 19.	59.7	88.2	99.6	99.6	99.7	96.9	71.6	23.1	1.5	55.5
GE 75	8.	9 19	.8 38.	76.0	95.6	100.0	100.0	99.9	99.4	85.8	43.9	11.3	64.9
GE 70	24.	8 40	.2 59.	2 86. 6	98.6			100.0	100.0	93.3	63.0	30.2	74.6
GE 65	6 45.	8 60	.3 75.	7 93.6	99.6					97.3	78.8	54.1	83.7
GE 61	68.	9 78	.6 87.	9 97.4	99.9					99.4	90.4	73.7	91.3
GE 55	6 85.	0 91	.5 95.	4 99.6	100.0					99.8	96.8	87.2	96.2
GE 50	94.	4 97	.6 99.	0 100.0						100.0	99.3	95.3	98.8
GE 45	98.	7 99	.6 99.	9							99.9	99. 0	99.7
GE 40	99.	7 99	.9 100.	0							100.0	99.7	99.9
GE 35	100.	0 100	.0									100.0	100.0

				• • • • • • • •	· · · · · · · ·	• • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •
MEAN	63.4	66.6	71.1	80.0	88.4	97.8	97.8	95.5	93.0	83.5	72.0	64.5	81.1
SD [
TOTAL OBS	1457	1278	1426	1380	1395	1350	1410	1426	1380	1426	1380	1426	16734

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: +07

PERIOD OF RECORD: 4107-4601,4801-8904

MONTH:	ALL	HOURS:	ALL
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			L	ST TO UT	C: +U/					MON	ITH: ALL	HOURS:	: ALL	
TEMP (DEG		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
GE GE GE GE GE GE GE GE GE GE GE GE GE	85 80 75 70 65 60 55 40 35 33 30 25 20 15	.8 8.2 26.7 55.2 80.6 87.6 94.2 99.0 99.7 100.0	.2 2.9 14.2 37.3 64.0 85.5 91.9 96.8 99.5 100.0	.1 .8 8.1 26.6 55.8 80.6 95.4 97.7 99.4 99.9 100.0	2.0 12.2 34.0 63.2 85.1 95.6 99.9 100.0	.8 4.9 19.9 50.8 77.6 93.3 98.6 99.8 100.0	.1 4.4 18.4 44.6 74.5 93.5 99.6 100.0	.6 9.9 46.3 91.1 99.9 100.0	.1 2.3 32.9 85.9 99.6 100.0	1.0 12.2 47.4 79.3 95.2 99.2 100.0	.4 3.7 19.9 47.2 74.0 88.6 96.0 99.5 99.9 100.0	.1 2.7 14.3 39.4 66.7 85.5 95.2 98.0 99.6 100.0	1.6 10.4 32.9 60.2 84.9 90.5 96.4 99.3 100.0	1 1.5 9.3 23.2 33.0 41.9 51.0 62.0 74.9 86.7 95.1 97.1 98.9 99.8 100.0 100.0
MEAN	-	 40.2	42.0	45.3	51.6	59.2	68.7	74.3	73.0	68.8	58.5	47.1	41.3	55.8
SD	1	6.60	6.78	6.42	6.68	6.39	6.15	3.79	3.38	5.16	6.99	6.92	6.48	13.81
TOTAL	OBS	1457	1278	1426	1380	1395	1350	1410	1426	1380	1426	1380	1426	16734

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801-8904 LST TO UTC: +07 MONTH: ALL HOURS: ALL

			L	זט סז זצ	C: +07					MONT	H: ALL	HOURS:	ALL	
TEMP (DEC		NAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
CE GE GE GE GE GE GE GE GE GE GE GE	95 90 85 80 75 70 65 60 45 40 35 33 30 25	.1 1.6 12.8 36.4 67.1 86.7 95.7 99.3 99.6 99.7 100.0	1.0 6.8 26.3 76.3 91.5 98.2 99.8 99.9 100.0	.1 .2 4.9 21.1 45.9 70.1 88.4 97.7 99.7 100.0	.1 1.4 10.7 34.5 61.8 81.7 92.3 98.5 99.9 100.0	.2 3.8 18.6 51.5 76.9 92.6 97.9 99.6 99.9 100.0	1.0 13.3 44.2 77.4 94.5 99.3 100.0	1.1 22.8 66.5 94.8 99.5 100.0	.2 7.1 50.6 91.0 99.5 100.0	2.5 26.7 66.2 90.2 98.0 99.9 100.0	.8 10.0 35.1 63.4 84.1 92.6 97.8 99.6 100.0	.5 7.0 29.2 55.7 76.8 90.5 97.4 99.7 100.0	.1 2.4 17.7 43.9 72.4 89.5 97.0 99.3 99.9 100.0	.2 3.8 16.1 30.0 40.1 48.8 58.3 69.2 80.6 91.0 96.9 99.2 99.9 99.9 100.0 100.0
MEAN		52.0	54.5	58.4	66.0	74.0	83.4	86.2	84.4	81.0	71.2	59.8	53.1	68.7
SD 		6.62	6.97 	7.08	7.19	6.38	5.38 	4.10	3.59	4.96 	7.06	7.21	6.61	13.97
TOTAL	OBS	1457	1278	1426	1380	1395	1350	1410	1426	1380	1426	1380	1426	16734

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801 8904

0171110111101		LS	T TO UTC	: +07			•			TH: ALL	HOURS:	ALL	•001 0704
YEAR	JAN	FE8	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
41	• • • • • • • • • • • • • • • • • • •				• • • • • • • •	• • • • • • • •	101*	100	100	93	85	81	101*
42	82	79	87	92	103	110	111	104	103	97	89	79	111
43	78	88	92	102	101	105	110	102	105	97	85	75	110
44	78	78	83	88	103	108	108	111	105	99	87	76	111
45	80	79	84	95	99	106	106	107	108	95	91	75	108
46	l 80												80*
48	l 85	73*	82	99	100	106	107	105	106	5	82	76	107*
49	70	83	89	97	103	106	104	105	104	94	86	80	106
50	88	80	92	93	95	106	106	107	108	100	87	83	108
51	I 81	89	81	93	106	105	106	103	102	97	80	77	106
52	78	76	80	91	99	108	109	104	107	98	89	75	109
53	88	79	92	94	99	112	110	108	105	100	89	77	112
54	79	84	86	96	97	109	108	102	104	99	86	84	109
55	76	82	87	89	101	108	109	97	102	101	84	81	109
56	80	70	90	89	100	107	105	103	104	96	83	76	107
57	73	88	85	87	95	108	106	101	101	96	77	74	108
58	75	81	76	93	104	107	109	99	101	92	86	83	109
59	80	77	83	95	99	106	104	100	103	96	79	78	106
60	76	77	87	93	102	112	107	104	101	92	84	79	112
61	75	80	84	97	100	107	104	101	96	93	76	74	107
62	75	83	88	101	98	105	102	106	103	92	84	75	106
63	79	88	86	97	97	102	105	102	100	99	83	71	105
64	75	74	85	92	98	103	105	102	96	94	82	71	105
65	76	77	85	96	98	101	105	103	98	97	84	79	105
6 6	73	71	83	87	98	105	104	100	98	91	84	79	105
67) 80	82	89	87	98	104	105	102	99	92	86	68	105
68	73	82	82	86	100	109	103	95	100	91	83	79	109
69	81	73	86	95	103	106	106	105	101	96	78	78	106
70	76	79	77	86	100	111	106	100	102	86	84	82	111
71	84	78	90	91	94	105	109	97	101	87	85	79	109
72	77	83	89	92	97	107	108	107	97	97	78	73	108
73	75	76	74	90	99	108	108	104	104	96	87	81	108
74	ļ 79	80	87	91	106	110	103	100	101	94	79	72	110
75	77	78	84	88	97	104	102	107	97	95	88	80	107
	I .												

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107 4601,4801-8904 LST TO UTC: +07 MONTH: ALL HOURS: ALL

		LS	ווט טו ד	C: +07					MONT	H: ALL	HOURS:	ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
76	79	81	84	88	97	107	104	102	96	90	82	73	107
77	72	80	81	90	102	106	103	104	101	98	85	77	106
78	72	75	85	92	103	110	108	100	98	95	84	74	110
79	70	80	79	90	97	109	110	101	103	97	81	78	110
80	72	81	77	94	98	107	107	104	102	101	90	81	107
81	79	83	82	92	92	108	106	106	99	90	86	82	108
82	79	83	81	91	97	106	108	102	103	93	79	75	108
83	75	74	81	88	103	102	110	103	103	86	81	75	119
84	73	76	83	91	105	101	102	102	101	87	85	72	105
85	68	79	82	92	98	108	107	105	97	94	85	73	108
86	79	83	88	89	97	104	108	102	102	90	78	74	108
87	81	78	80	93	93	105	105	101	100	97	81	79	105
88	76	80	97	91	98	109	104	104	102	95	87	78	109
89	74	81	94	100									100*
GREATEST	88	89	97	102	106 1	12 111	111	108	101	91	84	112	
	i	. 		·					. 				
TOTAL OBS	1457	1278	1426	1380	1395	1350	1410	1426	1380	1426	1380	1426	16734
• • • • • • • • • • • • • • • • • • • •							• • • • • • • •			• • • • • • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • • • •

THE GREATEST VALUE OF 112 OCCURRED ON 06/30/53

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A' WONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT USAFETAC, ASHEVILLE NC FROM SIMMADY OF CAY CITY

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 4107-4601,4801-8904

	10ER. 72E7-		T TO UTC				-			H: ALL	HOURS:	ALL	1001 0704
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
41	•••••				• • • • • • • •		66*	68	51	40	3 0	29	29*
42	28	32	33	39	47	61	64	69	63	43	34	33	28
43	31	29	40	42	49	57	67	65	61	37	37	33	29
44 j	30	32	34	31	49	55	67	66	61	50	33	34	30
45	30	33	32	33	50	56	65	64	53	46	34	27	27
46	29												29*
48	24	34*	30	39	50	56	69	70	66	42	31	29	24*
49	25	29	34	38	51	56	68	67	67	37	39	24	24
50	21	33	38	42	39	58	65	66	57	53	42	35	21
51	27	29	32	39	41	57	70	65	65	47	36	28	27
52	27	26	31	44	52	59	68	65	60	53	34	31	26
53	32	26	32	41	46	58	67	68	62	45	30	31	34
54	33	35	33	49	49	59	70	65	63	46	37	25	25
55	27	23	31	41	46	54	63	69	61	49	34	34	23
56	34	26	31	35	52	64	67	67	66	41	28	30	26
57	33	35	37	41	48	63	72	67	61	49	32	32	32
58	28	33	34	38	53	65	69	70	55	48	26	33	26
59	30	33	35	50	47	62	67	69	59	40	39	31	30
60	27	26	36	41	50	64	70	68	58	46	31	20	20
61	35	36	38	43	\$2	55	67	64	58	40	32	33	32
62	21	32	29	46	44	50	66	66	61	43	33	37	21
63	24	36	32	37	51	54	69	67	65	52	36	32	24
64	20	24	29	38	41	59	68	65	58	50	30	32	20
65	29	23	27	38	41	53	65	65	52	42	39	3 2	23
66	28	30	28	41	50	58	70	70	65	42	33	24	24
67	21	33	34	34	37	58	69	69	63	43	38	26	21
68	32	35	35	36	46	55	68	65	54	47	32	23	23
69	28	29	30	44	41	59	69	70	63	41	33	24	24
70	25	29	36	37	44	58	70	69	56	37	40	32	25
71	17	28	22	40	49	54	70	67	55	31	36	27	17
72	27	32	35	40	50	64	69	66	58	39	34	28	27
73	27	35	33	35	42	57	66	69	57	45	30	27	27
74	31	28	33	40	45	62	69	68	62	40	36	22	22
75	27	27	33	37	41	59	68	69	61	40	33	28	27
	_·	-		٠,	7.	,,		Ů,	0.	70		20	21

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF KECORD: 4107-4601,4801-8904 LST TO UTC: +07 MONTH: ALL HOURS: ALL İ FEB MAR APR YEAR JAN MAY JUN JUL AUG SEP oct NOV DEC ANNUAL 29*

	· · · · · · · · · · · · · · · · · · ·				<i></i> .	• • • • • • • •			· • • • • • • •				
LEAST	17	23	22	31	37	50	63 6	5 51	31	26	20	17	
۱			· · • • • • • • •	. .									
TOTAL OBS													16734

THE LEAST VALUE OF 17 OCCURRED ON 01/05/71

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: +07

PERIOD OF RECORD: 4107-4601,4801-8904

		LS	T TO UTC	: +07					MONT	H: ALL	HOURS:	ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
41	· · · · · · · · · · · · · ·		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	83*	83	79	67	61	52	70*
42	53	52	58	65	75	85	90	86	83	71	66	56	70
43	54	59	62	71	76	83	88	84	82	72	63	54	71
44	i 52	52	57	64	75	82	88	88	81	74	56	53	68
45	52	55	56	64	75	80	87	85	83	73	60	52	69
46	49												49*
48	1 1 54	49*	55	69	75	83	87	86	83	72	56	53	70*
49	45	52	59	68	74	84	85	85	83	68	67	53	69
50	52	58	61	70	73	82	83	85	79	78	65	59	71
51	i 51	55	59	65	75	82	89	85	84	74	60	53	69
52	53	53	53	66	78	85	87	87	85	79	58	52	70
53	56	53	61	67	71	86	88	89	86	74	64	51	71
54	56	63	60	74	78	85	87	85	84	75	64	56	72
55	48	51	61	66	73	84	85	83	83	76	60	57	69
56	1 1 58	49	61	65	77	87	86	84	84	71	59	54	70
57	54	62	60	65	71	86	88	85	82	69	56	56	69
58	52	57	55	65	80	86	88	85	81	73	60	58	70
59	56	54	61	72	75	87	88	83	82	72	61	54	70
60	49	50	63	68	75	86	88	86	82	68	60	52	69
61) 1 55	55	59	68	7 5	84	85	81	77	69	55	52	68
62	50	56	55	71	72	80	85	87	82	70	61	55	69
63	50	59	59	66	77	80	87	82	84	74	59	53	69
64	48	48	55	63	72	82	85	82	76	72	54	51	66
65	53	51	55	64	69	77	83	85	78	74	63	53	67
66	48	48	60	66	76	83	86	84	80	70	62	5 3	68
67	52	57	63	62	72	81	85	84	81	72	63	49	68
68	52	58	57	62	72	82	84	80	80	71	58	51	67
69	55	52	53	67	75	81	86	86	82	67	58	53	68
70	j 50	57	54	60	76	83	87	84	77	67	62	54	68
71	50	52	61	65	71	83	89	81	79	65	58	48	67
72	51	57	66	67	74	83	88	83	79	67	53	49	68
73	48	53	51	60	74	83	85	86	81	72	59	53	67
74	j 52	54	62	67	76	89	85	84	78	71	59	48	69
75	51	52	57	60	71	82	84	87	81	71	60	54	68

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT FROM SUMMARY OF DAY DATA

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST

PERIOD OF RECORD: 4107-4601,4801-8904 ALL

LST TO UTC: +07	MONTH: ALL	HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	54	58	58	65	73	82	84	86	79	 88	60	53	
77	50	56	54	65	70	84	86	86	82	73	61	56	69
78	52	53	60	64	73	85	88	84	81	74	58	49	69
79	48	54	56	65	72	83	87	83	84	73	57	56	68
80	54	58	57	65	71	85	88	83	81	71	61	59	70
81	i 56	58	56	68	73	87	86	87	82	70	64	57	70
82	52	56	59	67	73	82	85	84	80	68	58	50	68
83	53	52	56	60	73	81	86	83	81	68	57	54	67
84	53	54	60	63	79	83	83	82	81	66	58	51	68
85	50	53	59	69	76	85	86	85	77	69	58	52	68
86	1 1 56	54	61	67	74	85	84	84	78	69	60	53	69
87	51	54	56	70	73	85	86	84	79	75	59	50	68
88	52	58	59	65	73	84	87	85	80	74	59	52	69
89	52	57	66	74									62*

	, 			<i>.</i>
MEAN	` 	52.0	54.5	58.4	66.0	74.0	83.4	86.2	84.4	81.0	71.2	59.8	53.1	68.7	
TOTAL OBS		1457	1278	1426	1380				1410	1426	1380	1426	1380	1426	16734

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LST	TO UTC: +	7 MONTH: JAN	
HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0 LE 32 GE 65 GE 80 GE 93 H	TOTAL HOURS
00-02	46.0	6.451	930	0 19 0 0 0	930
03-05	44.6	6.564	930	0 31 0 0 0	930
06-08	43.9	6.675	930	0 46 0 0 0	930
09-11	52.7	7.117	930	0 3 40 0 0	930
12-14	60.4	7.588	930	0 0 281 1 0	930
15-17	62.1	7.750	930	0 0 374 3 0	930
18-20	55.0	6.739	930	0 0 78 0 0	930
21-23	48.4	6.230	930	0 6 2 0 0	930
ALL HOURS	51.6	9.556	7440	0 105 775 4 0	7440
				MONTH: FEB	
00-02	48.0	6.556	849	0 7 0 0 0	849
03-05	46.2	6.378	849	0 10 0 0 0	849
06-08	45.8	6.509	849	0 19 0 0 0	849
09-11	56.0	7.947	849	0 2 120 0 0	849
12-14	63.8	8.865	849	0 0 415 20 0	849
15-1	65.5	9.148	849	0 0 468 45 0	849
18-20	59.5	8.096	849	0 0 251 1 0	849
21-23	52.1	6.758	849	0 2 20 0 0	849
ALL HOURS	54.6	10.562	6 7 92	0 40 1274 66 0	6792

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

DE1 DE1 DE1 DE1 DE1 DE1 DE1 DE1 DE1 DE1	6.187 5.970 6.328	930 930	MEAN	LE 0 0	OF HOUR LE 32	S WITH GE 65	TEMPERATURES GE 80 GE	-	TOTAL HOURS
00-02 52.0 03-05 49.3 06-08 49.8 09-11 61.2	5.970 6.328	930 930		0	0	16	0	0	070
06-08 49.8	6.328							-	93 û
09-11 61.2		930		0	1	4	0	0	930
	0.157			0	2	8	0	0	93 0
1	8.156	930		0	0	313	13	0	930
12-14 67.9	9.087	930		0	0	596	90	2	930
15-17 69.6	9.365	930		0	0	657	126	6	930
18-20 64.6	8.594	930		0	0	478	44	1	930
21-23 57.2	7.025	930		0	0	145	0	0	930
ALL HOURS 59.0	10.779	7440		0	3	2217	273	9	7440
					MONTH	: APR			
00-02 58.6	7.656	900		0	0	224	1	0	900
03-05 55.4	7.389	900		0	0	102	0	0	9 00
06-08 57.7	7.975	900		0	0	185	0	0	900
09-11 70.3	9.016	900		0	0	681	133	2	900
12-14 77.0	9.434	900		0	0	791	415	19	900
15-17 78.8	9.298	899		0	0	816	506	25	899
18-20 73.6	9.299	897		0	0	737	243	7	897
21·23 65.0	8.206	897		0	0	492	20	0	897
ALL HOURS 67.0	12.150	7193		0	0	4028	1318	53	7193

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

SIMITON	NOMBEK:		LST TO UTC:				•	ONTH		CORD: P	141 /9 - AP	K OY
HOURS		STANDARD DEVIATIO	N OBS	••••••	MEAN	NUMBER LE 0	OF			TEMPERAT GE 80	TURES DEG F GE 93	TOTAL HOURS
00-02	65.5	6.622			•••••	0		0	534	15	0	930
03-05	61.4	6.574	930			0		0	3 02	3	0	930
06-08	65.7	7.801	930			0		0	527	27	0	930
09-11	78.0	7.684	930			0		0	879	420	17	930
12-14	84.3	7.728	930			0		0	914	715	125	930
15-17	86.1	7.625	930			0		0	922	764	185	930
18-20	81.7	7.741	930			0		0	912	587	66	930
21-23	72.9	6.868	930			0		0	822	159	0	930
ALL HOURS	74.4	11.475	7440		*****	0		0	5812	2690	393	7440
							,	40NTH	: JUN			
00-02	75.4	6.097		••••••••	• • • • • • • •	0	•••	0	866	220	0	900
03-05	71.1	5.823	900			0		0	792	60	0	900
06-08	75.6	6.583	900			0		0	855	268	1	900
09-11	87.8	5.702	900			0		0	899	837	185	900
12-14	94.7	5.655	900			0		0	899	890	606	900
15-17	96.6	6.188	900			0		0	899	885	716	900
18-20	92.3	6.466	900			0		0	898	866	469	900
21-23	83.3	6.160	900			0		0	897	664	52	900
ALL HOURS	84.6	10.993	3 7200			0		0	7005	4690	2029	7200

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: JUL

		LSI	to utc: + /	MONITAL SOC	
HOURS	MEAN	•	TOTAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0 LE 32 GE 65 GE 80 GE 93	HOURS
00-02	78.7	4.828	930	0 0 930 378 0	930
03-05	76.0	4.313	929	0 0 929 198 0	929
06-08	78.1	4.883	93 0	0 0 930 351 0	93 0
09-11	87.3	5.370	930	0 0 930 856 154	930
12-14	93.9	5.950	930	0 0 930 913 590	930
15 - 17	95.1	7,552	930	0 0 930 895 655	930
 18-20	90.4	8.139	930	0 0 930 824 437	930
21-23	83.4	6.277	930	0 0 930 643 67	930
ALL HOURS	85.3	9.173	7439	0 0 7439 5058 1903	7439
				MONTH: AUG	
00-02		4,428	930	0 0 930 308 0	930
03-05	74.8	4.105	930	0 0 926 128 0	930
06-08	76.0	4.507	930	0 0 928 206 0	930
09-11	85.4	5,101	930	0 0 930 810 72	93 0
12-14	91.6	5.243	930	0 0 930 911 439	930
15 - 17	92.0	7.094	930	0 0 930 862 537	930
18 - 20	86.9	7.471	930	0 0 930 742 251	930
21-23	i	5.673	930	0 0 930 564 8	93 0
ALC HOURS	•	8.520	7440	0 0 7434 4531 1307	7440

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFR AZ

PERIOD OF RECORD: MAY 79 - APR 89

1525

116

7440

LST TO UTC: + 7 MONTH: SEP HOURS | MEAN STANDARD TOTAL MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LST DEVIATION OBS LE 0 LE 32 GE 65 GE 80 GE 93 HOURS 00-02 | 72.9 5.563 900 0 0 839 110 900 03-05 70.5 5.561 900 0 0 775 45 0 900 5.995 06-08 71.5 900 ٥ n 785 83 Ð 900 09-11 82.9 .285 900 0 0 894 49 669 900 12-14 89.4 6.666 900 0 0 897 827 303 900 15-17 90.2 7.230 900 0 0 900 805 404 900 900 18-20 84.2 7.442 0 0 894 689 93 900 21-23 77.0 6.205 900 0 0 874 332 1 900 ALL 79.8 9.781 7200 HOURS | 0 0 6858 3560 850 7200 MONTH: OCT 00-02 I 62.7 6.511 930 0 O 349 5 0 930 03-05 i 60.5 6.423 930 0 0 254 3 930 0 06-08 61.1 6.606 930 0 0 292 1 Ð 930 7.553 09-11 73.1 930 0 0 803 188 2 930 12-14 79.9 7.758 930 0 0 898 515 42 930 15-17 81.0 8.027 930 n 0 898 564 68 930 18-20 73.9 7.530 930 0 0 930 828 216 4 21-23 1 6.773 930 66.4 0 0 33 930 555 Û ALL HOURS | 69.8 10.565 4877 7440 n 0

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		L	ST TO UTC: +				1	HONTH:	NOV	CORD: MAY	79 AP	R 89
HOURS	MEAN	STANDARD DEVIATION	TOTAL OBS	• • • • • • • • • • • • • • • • • • • •	MEAN	NUMBER LE 0	OF ¿E	HOURS	WITH GE 65		E 93	HOURS
00-02			900		• • • • • • •	0	• • •	3	18	0	0	900
03-05	50.1	7.219	900			0		9	10	0	0	90ú
06-08	50.1	7.465	899			0		9	8	0	o	899
09-11	61.0	8.326	900			0		0	318	8	0	900
12-14	68.1	9.004	900			0		0	595	96	0	900
15 - 17	68.9	9.130	900			0		0	617	116	0	900
18-20	60.9	7.798	900			0		0	312	1	0	900
21-23	53.9	7.058	900			0		0	46	0	0	900
ALL HOURS	58.1		7199			0		21	1924	221	0	7199
								MONTH:	DEC			
00-02	46.2	6.415	930	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	0		28	0	0	0	930
03-05	45.1	6.576	930			0		30	0	0	0	93 0
06-08	44.6	6.780	930			0		38	0	0	0	930
09-11	54.2	7.761	930			0		7	82	0	0	930
12-14	61.7	8.538	930			0		0	368	4	0	930
15 · 17	62.6	8.618	929			0		0	407	7	0	929
18-20	54.5	6.896	93 0			0		0	60	0	0	930
21-23	48.4	6.415	930			0		11	0	0	0	930
ALL HOURS		9.983	7439			0		114	917	11	0	7439

DRY BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: ALL

		==								
HOURS	MEAN	STANDARD DEVIATION	TOTAL	MEAN	NUMBER		S WITH GE 65	TEMPERATU GE 80	RES DEG GE 93	F TOTAL HOURS
00-02	61.3	13.577	10959	••••••••••	0	57	4706	1037	0	10959
03-05	58.8	13.008	10958		0	81	4094	437	0	10958
06-08	60.1	14.207	10958		0	114	4518	936	1	10958
09-11	70.9	14.90	10959		0	12	6889	3934	481	10959
12-14	77.8	14.688	10959		0	0	8514	5397	2126	10959
15 - 17	 79.1	14.841	10957		0	0	8818	5578	2596	10957
18-20	73.2	15.425	10956		0	0	7308	4213	1328	10956
21-23	65.8	14.636	10956		0	19	5713	2415	128	10956
ALL HOURS	68.4	16.248	87662		0	283	50560	23947	6660	87662

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

ALL HOURS |

42.4

6.101

7432

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89 MONTH: JAN

LST TO UTC: + 7 TOTAL HOURS | MEAN STANDARD MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL DEVIATION LST | OBS LE 32 GE 50 GE 67 GE 73 GE 80 HOURS 00-02 | 39.5 5.170 928 73 28 0 0 0 928 03-05 927 38.4 5.371 120 26 0 0 0 927 06-08 37.9 5.529 928 154 20 0 0 0 928 09-11 i 930 43.2 5.033 21 92 0 0 0 930 46.9 930 250 12-14 4.673 0 0 930 6 Ω 15-17 47.5 4.488 930 304 0 0 0 930 6 18-20 44.6 4.608 930 10 131 0 0 0 930 21-23 41.2 5.002 929 34 0 0 0 929

			. .						
					MONTH	1: FEB			
00-02	41.0	5.455	849	73	45	0	0	0	849
03-05	39.7	5.522	849	93	35	0	0	0	849
06-08	39.3	5.557	849	98	24	0	0	0	849
09-11	45.1	5.256	849	10	187	0	0	0	849
12-14	48.4	4.975	849	4	403	0	0	0	849
15-17	49.0	4.790	849	3	435	0	0	0	849
18-20	46.8	5.029	849	3	290	0	0	0	849
21 23	43.4	5.221	849	14	95	0	0	0	849
ALL HOURS	44.1	6.323	6792	298	1514	0	o	0	6792

424

917

0

0

7432

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: MAR

		LSI	10 010: + 7	MUNIK: MAK
HOURS	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 32 GE 50 GE 67 GE 73 GE 80 HOURS
00-02	43.0	4.600	930	29 60 0 0 930
03-05	41.5	4.798	930	50 44 0 0 0 930
06-08	41.7	4.846	930	43 38 0 0 0 930
09-11	47.7	4.589	930	1 334 0 0 0 930
12-14	50.1	4.427	930	0 524 0 0 0 930
15 ;7	50.6	4.425	928	0 581 0 0 0 928
18-20	48.5	4.451	930	0 393 0 0 0 930
21-23	45.4	4.530	930	2 163 0 0 0 930
ALL HOURS	46.0	5.689	7438	125 2137 0 0 0 7438
				MONTH: APR
00-02	45.9	5.356	900	7 204 0 0 0 900
03-05	44.3	5.544	900	9 164 0 0 0 900
06-08	45.8	5.611	900	5 239 0 0 0 900
09-11	51.8	4.958	900	0 620 0 0 0 900
12-14	54.0	4.603	900	0 740 0 0 0 900
15-17	54.6	4.568	899	0 770 0 0 0 899
18-20	52.3	4.673	897	0 656 0 0 0 897
21-23	48.8	5.035	897	0 398 0 0 0 897
ALL HOURS	49.7	6.271	7193	21 3791 0 0 0 7193

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PER: OD OF RECORD: MAY 79 - APR 89 MONTH: MAY

	LST TO UTC: + 7			MONTH: MAY
HOURS		STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 32 GE 50 GE 67 GE 73 GE 80 HOURS
00-02	50.1	5,298	930	0 507 0 0 0 930
03.05	48.2	5.472	930	5 382 0 0 0 930
06-08	\$0.7	5.628	930	2 541 0 0 0 930
U9-11]	55.9	4.595	930	0 849 5 0 0 930
12-14	57.8	4.222	929	0 891 6 0 0 929
15 - 17	58.4	3.952	929	0 903 10 0 0 929
18-20	56.5	4.100	930	0 880 0 0 930
21-23	53.3	4.794	930	0 728 1 0 0 930
ALL	53.8	6.016	7438	7 5681 22 0 0 7438
				MONTH: JUN
00-02	55.6	6.110	900	0 741 50 3 0 900
03-05	53.8	6.345	900	0 647 37 0 0 900
80-60	56.4	5.896	900	0 788 52 0 0 900
09-11	61.3	4.209	899	0 899 119 0 0 899
12-14	63.7	3.697	900	0 900 228 1 0 900
15-17	64.5	3.291	900	0 900 275 2 0 900
18-25	52.6	3.632	899	0 899 147 1 0 899
21-23	59.0	4.947	900	0 884 77 1 0 900
ALL HOURS	 	6.178	7198	0 6658 98 5 8 0 7198

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

			LST TO UTC: -				MONTH:	JUL			
HOURS	MEAN		TOTAL N OBS	• • • • • • • • • • • • • • • • • • • •	MEAN	NUMBER LE 32	OF HOURS	HTIW	TEMPERATURES GE 73 GE	DEG F	
00-02	64.8	5,413		• • • • • • • • • • • • • • • • • • • •	• • • • •	0	921	476	10	0	930
03-05	64.0	5.747	929			0	910	411	2	0	929
80-60	65.0	5.140	929			0	919	473	4	0	929
09-11	67.8	3.592	930			0	930	653	34	0	930
12-14	69.1	3.075	929			0	929	747	96	0	929
15-17	69.4	2.793	930			0	930	793	110	0	930
18-20	68. 0	3.173	929			0	929	667	44	0	929
21-23	66.3	4.409	930			0	930	548	32	0	930
ALL HOURS	66.8	4.692	7436			0	7398	4768	332	0	7436
							MONTH:	AUG			
00-02		3.692		• • • • • • • • • • • • • • • • • • • •		0	930	566	17	0	930
03-05	65.8	3.774	930			0	930	471	3	0	930
06-08	66.4	3.685	930			0	930	534	12	0	930
09-11	69.3	2.722	930			0	930	798	84	0	93 0
12-14	70.1	2.875	930			0	930	833	158	1	930
15-17	69.8	2.902	928			0	928	809	144	0	928
18-20	68.5	2.935	927			0	927	727	56	0	927
21-23	67.5	3.327	927			0	927	637	24	0	927
ALL HOURS	68.0	3.583	7432			0	7432	5375	498	1	7432

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

		LST	TO UTC: +	7 MONTH: SEP	
HOURS	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTA LE 32 GE 50 GE 67 GE 73 GE 80 HOUR	
00.02	60.3	5.604	888	0 869 141 2 G 88	88
03-05	59.2	5.558	888	0 855 83 0 0 8 8	88
06-08	59.9	5.508	387	0 862 98 1 0 88	87
09-11	64.4	4.302	888	0 883 300 9 0 88	88
12-14	65.7	3 077	892	0 892 379 23 0 89	92
15-17	65.4	3.694	894	0 894 326 15 0 89	94
18-20	63.6	4.215	893	0 893 246 1 0 89	93
21-23	61.5	5.081	891	0 885 163 0 0 89	91
ALL HOURS	62.5	5.385	7121	0 7038 7736 51 0 712	21
				MONTH: OCT	•
00·02	51.5	6.299	930	0 578 1 0 0 93	 30
03-05	50.4	6.467	930	0 539 0 0 0 93	3 0
06-08	50.8	6.330	930	2 555 0 0 0 99	3 0
09-11	56.8	5.182	929	0 836 4 0 0 92	29
12-14	58.8	4.495	930	0 890 22 0 0 93	3 0
15-17	58.6	4.509	930	0 887 25 0 0 93	3 0
18-20	56.1	5,113	930	0 818 7 0 0 9	30
21-23	53.1	6.063	930	0 667 3 0 93	30
ALL HOURS	54.5	6.509	7439	2 5770 62 0 0 74:	3 9

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: NOV

		10 010.			MONT	1. NOV			
MEAN	STANDARD DEVIATION	TOTAL OBS							TOTAL
42.8	6.486	900	••••••••	52	145	0	0	0	900
41.	6.642	900		77	117	0	0	0	900
41.8	6.715	899		77	120	0	0	0	899
47.8	6.048	900		8	361	0	0	0	900
50.9	5.488	900		0	553	0	0	0	900
51.0	5.293	900		0	567	0	0	0	900
47.6	5.658	900		3	353	0	0	0	900
44.0	6.198	900		25	182	0	0	0	900
46.0	7.097	7199		242	2398	0	0	0	7199
					MONT	1: DEC			
39.4	5.379	930		89	40	0	0	0	930
38.6	5.502	930		116	39	0	0	0	930
38.1	5.517	930		123	33	0	0	0	930
43.9	5.197	930		26	123	0	0	0	930
47.7	4.931	930		5	389	0	0	0	930
48.0	4.810	929		6	410	0	0	0	929
44.6	4.900	930		21	150	0	0	0	930
41.2	5.257	930		57	50	0	0	0	93 0
	42.8 41. 41.8 47.8 50.9 51.0 47.6 44.0 46.0 	DEVIATION 42.8 6.486 41. 6.642 41.8 6.715 47.8 6.048 50.9 5.488 51.0 5.293 47.6 5.658 44.0 6.198 46.0 7.097 39.4 5.379 38.6 5.502 38.1 5.517 43.9 5.197 47.7 4.931 48.0 4.810 44.6 4.900	DEVIATION OBS 42.8 6.486 900 41. 6.642 900 41.8 6.715 899 47.8 6.048 900 50.9 5.488 900 51.0 5.293 900 47.6 5.658 900 44.0 6.198 900 46.0 7.097 7199 39.4 5.379 930 38.6 5.502 930 38.1 5.517 930 43.9 5.197 930 47.7 4.931 930 48.0 4.810 929 44.6 4.900 930	DEVIATION OBS 42.8 6.486 900 41. 6.642 900 41.8 6.715 899 47.8 6.048 900 50.9 5.488 900 51.0 5.293 900 47.6 5.658 900 44.0 6.198 900 46.0 7.097 7199 39.4 5.379 930 38.6 5.502 930 38.1 5.517 930 43.9 5.197 930 47.7 4.931 930 48.0 4.810 929 44.6 4.900 930	DEVIATION OBS LE 32 42.8 6.486 900 52 41. 6.642 900 77 41.8 6.715 899 77 47.8 6.048 900 8 50.9 5.488 900 0 51.0 5.293 900 0 47.6 5.658 900 3 44.0 6.198 900 25 46.0 7.097 7199 242 39.4 5.379 930 116 38.1 5.517 930 123 43.9 5.197 930 26 47.7 4.931 930 5 48.0 4.810 929 6 44.6 4.900 930 21	DEVIATION OBS LE 32 GE 50 42.8 6.486 900 52 145 41. 6.642 900 77 117 41.8 6.715 899 77 120 47.8 6.048 900 8 361 50.9 5.488 900 0 553 51.0 5.293 900 0 567 47.6 5.658 900 3 353 44.0 6.198 900 25 182 46.0 7.097 7199 242 2398 MONTI 39.4 5.379 930 116 39 38.1 5.517 930 123 33 43.9 5.197 930 26 123 47.7 4.931 930 5 389 48.0 4.810 929 6 410 44.6 4.900 930 21 150	DEVIATION OBS LE 32 GE 50 GE 67 42.8 6.486 900 52 145 0 41. 6.642 900 77 117 0 41.8 6.715 899 77 120 0 47.8 6.048 900 8 361 0 50.9 5.488 900 0 553 0 51.0 5.293 900 0 567 0 47.6 5.658 900 3 353 0 44.0 6.198 900 25 182 0 46.0 7.097 7199 242 2398 0 MONTH: DEC 39.4 5.379 930 89 40 0 38.1 5.517 930 116 39 0 43.9 5.197 930 26 123 0 47.7 4.931 930 5 389 0 48.0 4.810 929 6 410 0 44.6 4.900 930 21 150 0	DEVIATION OBS LE 32 GE 50 GE 67 GE 73 42.8 6.486 900 52 145 0 0 41. 6.642 900 77 117 0 0 41.8 6.715 899 77 120 0 0 47.8 6.048 900 8 361 0 0 50.9 5.488 900 0 553 0 0 51.0 5.293 900 0 567 0 0 47.6 5.658 900 3 353 0 0 44.0 6.198 900 25 182 0 0 46.0 7.097 7199 242 2398 0 0 39.4 5.379 930 89 40 0 0 38.6 5.502 930 116 39 0 0 38.1 5.517 930 123 33 0 0 43.9 5.197 930 5 389 0 0 47.7 <td>DEVIATION OBS LE 32 GE 50 GE 67 GE 67 GE 73 GE 80 42.8 6.486 900 52 145 0 0 0 0 41. 6.642 900 77 117 0 0 0 0 41.8 6.715 899 77 120 0 0 0 0 47.8 6.048 900 8 361 0 0 0 0 50.9 5.488 900 0 553 0 0 0 0 51.0 5.293 900 0 567 0 0 0 0 47.6 5.658 900 3 353 0 0 0 0 44.0 6.198 900 25 182 0 0 0 0 46.0 7.097 7199 242 2398 0 0 0 0 39.4 5.379 930 89 40 0 0 0 0 38.6 5.502 930 116 39 0 0 0 0 38.1 5.517 930 123 33 0 0 0 0 43.9 5.197 930 26 123 0 0 0 0 47.7 4.931 930 5 389 0 0 0 0 48.0 4.810 929 6 410 0 0 0 0 44.6 4.900 930 21 150 0 0 0 0</td>	DEVIATION OBS LE 32 GE 50 GE 67 GE 67 GE 73 GE 80 42.8 6.486 900 52 145 0 0 0 0 41. 6.642 900 77 117 0 0 0 0 41.8 6.715 899 77 120 0 0 0 0 47.8 6.048 900 8 361 0 0 0 0 50.9 5.488 900 0 553 0 0 0 0 51.0 5.293 900 0 567 0 0 0 0 47.6 5.658 900 3 353 0 0 0 0 44.0 6.198 900 25 182 0 0 0 0 46.0 7.097 7199 242 2398 0 0 0 0 39.4 5.379 930 89 40 0 0 0 0 38.6 5.502 930 116 39 0 0 0 0 38.1 5.517 930 123 33 0 0 0 0 43.9 5.197 930 26 123 0 0 0 0 47.7 4.931 930 5 389 0 0 0 0 48.0 4.810 929 6 410 0 0 0 0 44.6 4.900 930 21 150 0 0 0 0

WET BULB TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: ALL

HOURS	MEAN	STANDARD DEVIATION	TOTAL OBS			OF HOURS GE 50	WITH GE 67	TEMPERATURI GE 73	ES DEG F GE 80	TOTAL HOURS
00-02	50.1	10.908	10945	• • • • • • • • • • • • • • • • • • • •	323	5068	1234	32	0	10945
03-05	48.9	11.035	10943		470	4688	1002	5	0	10943
06.08	49.5	11.428	10942		504	5069	1157	17	0	10942
09-11	54.6	10.185	10945		66	7049	1879	127	G	10945
12-14	57.0	9.271	10949		15	8291	2215	278	1	10949
15-17	57.3	9.057	10946		15	8509	2238	271	0	10946
18-20	55.0	9.668	10944		37	7319	1794	102	0	10944
21-23	52.1	10.515	10943		132	5975	1429	57	0	10943
ALL HOURS	53.1	10.760	87557		1562	51968	12948	889	1	87557

21-23

HOURS

32.5

31.1

8.705

8.923

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7 MONTH: JAN HOURS | MEAN STANDARD TOTAL MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LST DEVIATION OBS LE 27 GE 37 LE 55 GE 65 HOURS 00-02 | 30.4 8.419 928 363 234 928 0 928 29.5 03-05 8.373 927 408 206 927 0 927 06-08 29.1 8.413 928 193 446 928 0 928 09-11 31.0 930 8.616 930 345 252 930 n 12-14 İ 30.7 9.034 930 247 369 928 930 O 15-17 30.2 9.017 930 387 237 929 930 18-20 j 31.8 8.471 930 300 275 930 930 21-23 31.6 8.441 929 318 264 929 929 ALL HOURS | 30.5 8.672 7432 1908 2936 7429 0 7432 MONTH: FEB 00.02 | 31.7 8.771 849 247 274 849 849 0 03-05 30.7 8.695 849 274 223 849 0 849 8.713 06.08 | 30,1 849 305 196 849 849 09-11 31.7 8.681 849 276 264 849 0 849 12-14 30.7 9.110 849 328 241 849 0 849 15 · 17 30.0 9.195 849 354 204 849 849 18-20 31.7 9.035 849 271 257 849 0 849

2289

293

1952

6792

0

6792

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: MAY 79 - APR 89 STATION NUMBER: 722745

MONTH: MAR

		LST	TO UTC: + /	MONTH: MAR
HOURS		DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TOTAL LE 27 GE 37 LE 55 GE 65 HOURS
00-02		9.690	930	294 324 930 0 930
03-05	30.8	9.339	930	300 277 930 0 930
06+08	30.9	8.979	930	299 275 930 0 930
(19-11	32.0	8.606	930	248 317 930 0 930
12-14	30.3	8.346	930	318 225 93 0 0 930
15-17	29.3	8.525	928	39 6 186 927 0 928
18-20	29.5	9.365	930	3 98 2 38 9 3 0 0 9 3 0
21-23	30.7	9.830	930	316 308 930 0 930
ALL	30.6	9.163	7438	2569 2150 7437 0 7438
				MONTH: APR
00-02		9.486	900	367 243 899 0 900
03.05	30.4	9.227	900	367 249 897 0 900
06-08	31.6	8.997	900	312 268 895 0 900
09-11	32.2	8.623	900	291 296 897 0 9 00
12-14	30.5	8.120	900	347 215 899 0 900
15 - 17	30.0	8.050	899	374 189 898 0 900
18-20	29.2	9.113	897	450 195 892 0 900
21-23	3û.2	9.632	897	395 234 894 0 9 00
ALL HOURS	30.6	8.992	7193	2903 1889 7171 0 7193

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

0		LST	TO UTC: + 7	•		MONTH	: MAY		.,
HOURS		STANDARD DEVIATION	TOTAL OBS		LE 27	OF HOUR		TEMPERATURES	S DEG F TOTAL HOURS
00-02	33.1	10.135	930		305	331	913	0	930
03.05	33.1	9.802	930		277	336	918	0	930
06-08	34.7	9.387	930		224	390	919	0	930
09-11	34.9	8.803	90		210	399	924	0	930
12-14	33.3	7.931	929		237	319	926	0	929
15-17	32.8	7.385	929		227	277	926	0	929
18-20	32.3	8.612	930		303	255	922	0	930
21-23	32.9	9.971	930		321	306	917	0	930
ALL HOURS	33.4	9.125	7438		2104	2613	7365	0	7438
						MONTH	i: JUN		
00-02	36.2	12.737	900		240	404	828	18	900
03-05	36.1	12 716	900		249	404	829	9	900
06-08	38.4	11.841	900		180	485	812	4	900
09-11	39.5	9.977	899		99	505	834	2	900
12-14	39.3	8.388	900		43	500	848	1	900
15-17	39.6	7.835	900		15	545	852	4	900
18-20	 38.4	9.344	899		72	425	843	12	900
21-23	37.1	11.833	900		209	403	821	23	900
ALL HOURS	 38.1	10.833	7198		1107	3671	6667	73	7198

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

LST TO UTC: + 7	JL :HTMOM
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		20,	10 010: + 7		MUNIA			
HOURS		DEVIATION	TOTAL OBS	LE 27	OF HOUR	S WITH LE 55	TEMPERATURES GE 65	DEG F TOTAL
00-02	54.9	12.592	930	38	822	362		930
03 05	55.3	12.041	929	32	825	364	189	929
80.40	56.ù	11.335	929	24	841	346	199	929
09-11	55.3	10.261	930	12	849	373	137	930
12-14	53.7	9.601	929	3	855	440	79	929
15 - 17	53.2	9.631	930	3	860	476	83	930
18-20	53.4	10.921	929	5	833	458	130	929
21-23	54.6	12.333	930	36	825	376	196	930
HOURS	S 4. 5	11,192	7436	153	6710	3195		7436
					MONTH	i: AUG		
00.00	40.3	· · · · · · · · · · · · · ·	930		930	211	296	930
00-05	00.1	7.141						
03-02		7.141 6.671	930	0	930	193	253	930
ì				0	930 930	193 175	253 243	930 930
03-05	60.2	6.671	930					
03-05	60.2 60.6	6.671	930 930	O	930	175	243	93 0
03-05 06-08 09-11	60.2 60.6 60.2	6.671 6.220 6.144	930 930 930	0	930 927	175 172	243 218	9 3 0
03-05 06-08 09-11 12-14	60.2 60.6 60.2 57.9	6.671 6.220 6.144 6.891	930 930 930 930	0 0 0	930 927 914	175 172 260	243 218 112	930 930 930
03-05 06-08 09-11 12-14 15-17	60.2 60.6 60.2 57.9 56.9	6.671 6.220 6.144 6.891 7.640	930 930 930 930 930	0 0 0	930 927 914 909	175 172 260 341	243 218 112 136	930 930 930 930

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

3121104	NOFICERT	122743	LST TO UTC:	+ 7	72	MONT	1: SEP	COND. HAT	, AFR 09
HOURS LST		STANDARD DEVIATIO		••••••••••		OF HOUI		TEMPERATURE GE 65	S DEG F TOTAL HOURS
00-02	50.5	9.993	888	····	9	798	590	63	888
03-05	50.3	9.563	888		7	805	594	43	888
06-08	51.0	9.146	887		4	836	575	47	887
09-11	51.8	8.548	888		0	863	566	49	888
12-14	49.7	8.696	892		2	828	643	30	892
15-17	48.3	8.916	894		0	811	668	29	894
18-20	48.7	9.898	893		13	788	641	47	893
21 - 23	49.8	10.135	891		11	797	607	60	891
ALL HOURS	50.0	9.453	3 7121		46	6526	4884	368	7121
						MONT	1: OCT		
00.05	39.8	11.980	930	• • • • • • • • • • • • • • • • • • • •	181	566	853	0	930
03-05	39.5	11.895	930		187	571	863	0	930
06-08	39.9	11.612	930		162	580	862	0	930
09-11	42.3	10.398	929		87	635	852	0	930
12-14	40.7	9.978	930		96	595	870	0	930
15-17	39 .0	10.268	930		131	544	877	0	930
18-20	39.6	11.335	930		140	548	857	3	930
21-23	39.6	12.152	930		174	551	845	1	930
ALL HOURS	40.1	11.284	7439		1158	4590	6879	4	7439

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAY 79 - APR 89 STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

		_			
LSI	TO UTC:	+ 7	MOM	ITH:	NC

		LST	10 UTC: + 7	MONTH: NOV
HOURS		STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPRATURES DEG F TOTAL LE 27 GE 37 LE 55 GE 65 HOURS
00-02	30.5	12.201	900	38 0 3 01 89 5 0 9 00
03-05	30.0	12.058	900	395 296 897 0 900
06-08	30.1	11.912	899	399 294 898 0 899
υ9·11	32.5	11,219	900	332 341 891 0 900
12-14	32.0	10.718	900	343 310 894 0 900
15-17	31.3	10.502	900	354 281 894 0 900
18-20	31.8	11.305	900	358 321 892 0
21-23	31.1	11.967	900	361 315 896 0 900
ALL HOURS	31.2	11.548	7199	2922 2459 7157 0 7199
				MONTH: DEC
00-02	29.7	9.795	930	389 236 930 0 930
03-05	28.9	9.696	930	414 192 930 0 930
36-08	28.4	9.535	930	427 176 930 0 930
09-11	31.0	8.961	930	336 251 930 0 930
12-14	31.3	8.842	930	316 275 930 0 930
15-17	31,1	8.871	929	334 263 929 0 93 0
18-20	32.→	9.387	930	275 346 930 0 930
21-23	31.3	9.681	930	322 308 93 0 0 93 0
ALL HOURS	30.5	9.460	7439	2813 2047 7439 0 7439

DEW POINT TEMPERATURE SUMMARY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER LE 27	OF HOUR	S WITH LE 55	TEMPERATURES D GE 65	EG F TOTAL HOURS
00-02	38.3	14.707	10945		2813	5463	9188	589	10945
03-05	38.0	14.731	10943		2910	5314	9191	494	10943
06-08	38.5	14.640	10942		2782	5464	9119	493	10942
09-11	39.6	13.666	10945		2236	5899	9148	406	10945
12-14	38.4	13.127	10949		2402	5524	9417	222	10949
15-17	37.7	13.017	10946		2575	5306	9566	252	10946
18-20] 38.1	13.523	10944		2585	5393	9435	378	10944
21-23	38.4	14.318	10943		2697	5527	9240	545	10943
ALL HOURS	38.4	13.992	87557		21000	43890	74304	3379	87557

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

	NUMBER: 7		LST TO	UTC: + 7	7			MOM	ATH: JAN	l	MAY 79 - APR 89
HOURS	10%	20%	RELA' 30%	(IVE HUM) 40%	IDITY GRE 50%	ATER THA 60%	N OR EQU 70%	AL TO 80%	90%	MEAN	TOTAL OBS
00-02	100.0	99.4	90.5	77.2	63.9	48.4		11.7	2.5	56.9	928
03-05	100.0	99.0	91.6	78.2	64.5	47.8	29.8	13.8	2.6	57.4	927
06-08	100.0	99.7	92.8	79.3	65.9	47.2	29.8	14.1	4.3	57.7	928
09-11	100.0	95.1	78.5	60.0	40.6	25.3	13.5	5.4	1.6	46.4	930
12-14	100.0	83.0	55.6	35.2	18.2	9.6	5.6	2.4	.8	35.4	930
15-17	100.	76.1	49.9	30.4	14.3	8.2	5.2	2.4	.3	33.1	930
18-20	100.6	93.9	75.7	56.9	33.8	19.2	10.9	5.3	.8	44.0	930
21-23	100.0	99.1	88.7	74.6	60.2	42.5	22.8	10.4	2.9	54.5	929
ALL HOURS	100.0	93.2	77.9	61.5	45.2	31.0	18.5	8.2	2.0	48.0	7432
								MC	ONTH: FE	:B	
00-02	100.0	99.5	92.9	76.2	58.3	39.0	25.4	13.2	2.2	55.0	849
03-05	100.0	99.6	93.9	79.6	62.1	43.7	26.7	12.1	2.2	56.5	849
06.08	106.0	99.5	93.4	78.1	60.5	43.7	27.6	10.0	2.0	56.0	849
09-11	100.0	93.4	71.6	49.9	32.5	18.7	9,1	4.4	.7	42.5	849
12-14	99.9	73.7	45.5	28.6	15.2	8.8	3.5	1.6	.2	32.0	849
15-17	100.6	65.1	37.7	21.3	13.9	9.0	5.4	2.0	.1	29.8	849
18-20	160.0	88.3	60.2	38.0	23.1	15.3	8.7	4.5	1.5	38.3	849
21-23	100.5	98.5	85.4	66.3	44.5	29.4	16.8	9.4	1.6	49.7	849
ALL HOURS	100.0	89.7	72.6	54.8	38.8	26.0	15.4	7.2	1.3	45.0	6792

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

SIMITON	NUMBER.			UTC: + 7	7	NIDAN AC		MOI	ATH: MAR		MAT /9 - APK OY
HOURS		20%		TIVE HUM: 40%			AN OR EQUA		90%	MEAN	TOTAL OBS
00-02	100.0	93.9	78.4	61.9	45.4	31.4	18.8	5.7	.8	48.2	930
03-05	100.0	97.0	84.0	66.1	51.8	37.6	24.7	8.0	1.4	51.6	930
06-08	100.0	98.1	83.3	65.4	50.2	35.1	21.8	8.5	1.5	50.9	930
09-11	100.0	83.1	58.4	39.0	21.8	11.0	4.9	1.7	.3	36.5	930
12-14	99.9	61.7	33.9	18.1	9.9	4.6	2.3	1.1		27.5	930
15 - 17	99.6	52.0	26.8	15.5	8.3	5.4	3.3	1.6		25.2	928
18-20	99.7	66.8	39.8	23.8	13.4	7.8	5.3	2.5	.2	30.1	930
21-23	99.9	86.3	62.5	45.4	28.5	17.8	10.1	3.4	.4	39.9	930
ALL HOURS	99.9	79.9	58.4	41.9	28.7	18.8	11.4	4.1	.6	38.0	7438
								M	ONTH: AI	P R	
00-02	100.0	86.2	59.3	36.2	19.0	11.1	6.6	3.4	.6	36.7	900
03·US	100.0	94.3	70.2	47.6	26.1	12.9	8.3	3.6	.9	40.7	900
06-08	100.0	93.7	67.8	42.9	24.4	12.2	6.4	2.8	. 1	39.4	900
09-11	99.7	64.6	34.2	15.2	7.3	3.0	1.4	.8	.1	27.0	900
12-14	98.3	38.6	14.7	6.9	3.4	2.0	.3	.1		20.2	900
15-17	98.0	29.7	13.0	5.9	2.4	1.3	.6	.1		18.6	899
18-20	98.4	40.7	18.8	10.8	6.8	4.1	2.2	.9	. 1	22.0	897
21-23	99.7	68.7	39.5	20.8	11.3	7.5	3.6	2.1	.3	29.8	897
ALL HOURS	99.3	64.6	39.7	3.د2	12.6	6.8	3.7	1.7	.3	29.3	7193

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 STATION NUMBER: 722745 LST TO UTC: + 7 MONTH: MAY RELATIVE HUMIDITY GREATER THAN OR EQUAL TO HOURS | LST | 10% 20% 30% 40% 50% 60% 70% 80% 90% MEAN TOTAL OBS 00-02 | 100.0 84.7 48.0 21.7 11.2 4.9 3.1 1.5 31.9 930 03-05 | 100.0 92.8 8.0 61.4 33.8 16.0 3.5 1.5 .4 36.3 930 06-08 39.8 . 1 100.0 55.4 27.0 11.8 5.5 2.6 .9 33.6 930 69-11 i 99.7 55.2 19.1 2.7 1.2 . 1 6.2 22.6 930 12-14 98.G 25.9 5.9 2.5 1.0 . 3 .2 . 1 17.1 929 15 - 17 98.2 18.4 5.4 1.9 .9 .6 .4 . 3 15.9 . 1 929 18-20 98.9 30.2 10.3 4.1 2.0 .9 .6 . 3 . 1 18.3 930 21-23 99.6 59.0 4.9 2.3 1.5 25.8 11.2 .8 . 3 24.9 930 ALL 99.3 57.0 28.9 3.0 .7 HOURS 13.6 6.3 1.5 .1 25.0 7438 MONTH: JUN 99.7 00.02 1 63.2 27.8 14.0 8.1 4.1 2.2 26.3 900 03-05 99.6 75.6 41.7 19.9 10.7 5.7 2.1 . 2 30.0 900 06-08 99.6 73.2 9.3 36.7 16 1 900 44 1.2 28.4 09-11 99.1 .9 40.5 15.0 4.9 19.9 899 . 1 12-14 95.0 20.0 5.2 . 2 1.1 . 1 . 1 . 1 15.7 900 15 - 17 95.3 15.4 5.9 2.3 1.6 .7 15.2 900 18-20 95.0 22.0 10.0 5.8 3.2 1.2 .3 . 2 17.1 899 21-23 98.3 37.7 18.1 9.8 6.6 3.8 1.9 .2 21.7 900 ALL HOURS 97.7 43.5 20.0 9.2 5.1 2.5 1.0 . 2 21.8 7198

100.0

95.7

81.3

62.8

44.8

29.6

HOURS I

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89 LST TO UTC: + 7 MONTH: JUL HOURS RELATIVE HUMIDITY GREATER THAN OR EQUAL TO LST 10% 20% 30% 40% 50% 60% 70% 80% 90% MEAN TOTAL OBS 00.02 | 90.2 34.9 99.5 76.0 49.8 20.9 62.8 7.8 1.4 49.Û 930 03-05 i 100.0 95.5 84.7 70.9 56.2 40.8 25.6 9.6 2.4 52.9 929 06-08 100.0 93.5 67.3 53.0 37.7 20.9 84.2 50.8 6.1 1.5 929 09-11 99.9 85.3 65.2 43.5 23.5 9.5 2.2 ,9 37.4 . 3 930 12-14 99.1 72.6 45.5 18.7 7.8 2.2 .9 .4 .2 28.9 929 98.9 15-17 64.6 37.0 20.5 10.4 4.9 2.2 .6 .6 28.2 930 18-20 99.1 69.8 50.3 33.7 22.6 11.8 5.8 2.5 1.2 33.9 929 21-23 99.6 81.1 67.3 53 4 39.4 26.9 15 1 5.9 1.0 43.2 930 Al 1 HOURS | 99.5 81.6 63.8 46.4 32.8 21.1 11.7 4.2 1.1 40.0 7436 MONTH: AUG 00.02 | 100.0 99.9 94.8 84.8 47.0 66.6 26.9 11.5 3.3 58.1 930 03-05 100.0 100.0 98.4 91.8 76.9 57.3 32.8 14.8 62.3 930 4.4 80-60 100.0 100.0 98.5 91.2 75.5 54.5 28.5 10.6 3.1 60.7 **93**0 09-11 100.0 97.7 87.4 64.5 34.2 14.2 4.7 930 1.8 . 3 44.9 12-14 99.8 91.8 63.9 28.9 9.9 3.2 1.2 930 . 2 34.3 15-17 100.0 86.1 52.9 27.7 14.4 8.0 4.1 2.2 .4 33.9 928 18-20 100.0 90.4 67.5 45.4 31.1 19.4 8.7 4.2 1.0 41.3 927 21-23 100.0 99.4 87.1 67.6 49.8 32.9 17.3 8.0 2.4 51.1 927 ALL

15.5

6.7

1.9

48.3

7432

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

0	UTC:	+	7	MONTH:	
U	Oic.	•	•	month;	

LST TO UTC: + 7 MONTH: SEP											
HOURS	•	20%	RELAT 30%	IVE HUMI 40%	DITY GRE 50%	ATER THA 60%	N OR EQU. 70%	AL TO 80%	90%	MEAN	TOTAL OBS
00-02	100.0	99.0	86.1	61.6	40.2	26.7	14.5	6.4	2.1	48.2	888
03-05	100.0	99.4	91.8	70.5	48.9	32.7	18.2	7.3	1.8	51.5	888
06-08	100.0	99.8	90.9	71.5	49.0	31.1	16.0	6.8	1.6	51.1	887
09-11	100.0	92.0	64.1	37.2	18.1	8.6	2.5	.3		36.8	888
12-14	99.9	73.8	36.1	15.1	5.8	2.9	2.1	1.0	.7	28.2	892
15-17	100.0	64.0	28.7	14.1	7.4	4.8	2.7	1.6	.6	26.7	894
18-20	100.0	78.1	45.2	25.5	15.7	11.1	7.1	3.6	1.0	33.2	893
21-23	100.0	96.0	71.5	42.9	28.8	17.7	12.2	5.6	1.8	42.1	891
ALL HCURS	 100.0	87.7	64.2	42.2	26.7	16.9	9.4	4.1	1.2	39.0	7121
								MC	ONTH: OC	ī	
00-02	130.0	94.5	73.7	53.9	40.2	29.5	17.6	9.5	1.9	46.7	930
03-05	100.0	94.8	80.5	61.5	46.0	33.1	20.1	10.4	3.0	49.4	930
06-08	100.0	94.7	80.3	61.7	45.8	31.8	19.4	8.9	2.2	49.0	930
09-11	100.0	83.1	57.9	37.4	21.7	10.3	4.1	1.6	.4	36.3	929
12-14	99.7	62.3	38.2	17.1	6.8	3.5	2.7	1.3	.5	27.6	930
15-17	99.7	54.1	29.5	14.3	6.3	3.9	2.0	1.2	.4	25.4	930
18-20	99.9	71.5	45.4	29.8	16.7	8.8	4.4	3.1	1,5	32.7	930
21-23	100.0	88.9	63.3	44.8	33.0	22.6	12.5	5.7	1.6	41.5	930
ALL HOURS	99.9	80.5	58.6	40.1	27.1	17.9	10.4	5.2	1.5	38.6	7439

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

	NUMBER: 7		LST TO	UTC: + 7			AZ	MON	ITH: NOV		MAY 79 - APR 89
HOURS	10%	20%	RELAT 30%	IVE HUMI 40%	DITY GRE 50%	ATER THA 60%	N OR EQU 70%	AL TO 80%	90%		TOTAL OBS
00-02		92.7	73.3	58.3	43.3			11.9	4.9	47.9	900
03-05	100.0	94.4	76.8	59.4	46.2	34.0	21.8	12.2	4.2	49.3	900
80-60	100.0	94.1	77.6	59.3	46.1	33.5	23.0	12.1	3.0	49.4	899
09-11	99.9	82.2	58.6	39.9	24.8	14.9	8.4	4.6	.6	37.8	900
12-14	98.9	66.7	38.6	22.8	12.4	7.2	3.8	1.8	.2	29.5	900
15-17	99.2	61.8	34.8	19.8	10.7	7.3	3.8	2.0	.4	28.1	900
18-20	100.0	80.3	55.2	39.1	24.1	14.3	8.4	4.7	1.7	37.1	900
21-23	100.0	89.7	69.6	51.9	38.2	27.6	17.9	8.9	3.4	45.4	900
ALL HOURS	99.7	82.7	60.6	43.8	30.7		13.5	7.3	2.3	40.0	7199
								Mo	ONTH: DE	c	
00-02	100.0	95.8	86.7	73.7	58.5	46.0	31.5	16.9	3.0	55.7	930
03-05	100.0	95.7	86.8	74.4	59.2	46.5	31.7	16.3	2 6	55.9	930
06-08	100.0	95.9	87.7	74.4	58.7	46.7	32.0	15.6	1.7	55.7	930
09-11	100.0	92.0	74.2	55.1	38.2	25.3	12.9	4.8	.8	44.6	930
12-14	99.9	81.1	53.8	34.6	20.3	10.1	4.9	1.9	.3	3 5.1	930
15-17	100.0	77.6	51.1	31.4	17.7	9.0	4.7	3.0	.8	33.9	929
18-20	99.9	92.8	77.6	58.6	42.5	27.4	13.1	6.1	1.5	46.4	930
21-23	100.0	96.2	85.6	72.4	58.1	45.8	28.4	13.7	2.7	54.8	930
ALL HOURS	100.0	90.9	75.4	59.3	44.1	32.1	19.9	9.8	1.7	47.8	7439

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89 MONTH: ALL

LST TO UTC: + 7

					<i></i>						
HOURS	10%	20%	RELAT 30%	IVE HUMI 40%	DITY GRE	ATER TH AN 60%	OR EQUAL 70%	. 10 80%	90%	MEAN	TOTAL OBS
00-02 (99.9	91.6	73.9	56.9	42.1	29.4	18.2	8.3	1.9	46.7	10945
03·05 (100.0	94.9	80.1	62.8	47.1	33.4	20.5	9.2	2.2	49.5	10943
06-08	100.0	94.3	79.0	61.2	45.9	32.0	19.1	8.1	1.8	48.6	10942
09-11	99.9	80.4	57.1	37.8	22.2	11.8	5.3	2.2	.4	36.1	10945
12-14	99.0	62.6	36.5	19.2	9.2	4.5	2.3	1.0	.2	27.6	10949
15-17	99.1	55.5	31.1	17.1	9.0	5.3	2.9	1.4	.3	26.2	10946
18-20	99.3	68.7	46.4	31.0	19.6	11.8	6.3	3.2	.9	32.9	10944
21-23	99.8	83.4	63.7	46.8	33.7	23.1	13.4	6.2	1.5	41.6	10943
ALL HOURS	99.6	78.9	58.5	41.6	28.6	18.9	11.0	4.9	1.2	38.6	87557

PPPPP	PPP	AAA	AAA	RRRR	RRRR	111111111	FFFFFFFF	
PPPPP	PPPP	AAAA	AAAA	RRRR	RRRRR	111111111	FFFFFFFF	
PP	PP	AA	AA	RR	RR	TT	FF	
PP	PP	AA	AA	RR	RR	TT	FF	
PPPPF	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	AA	AA	RRRR	RRRRR	TT	FFFFFF	
PPPPF		РРРРРРР		AAAAA	RRRR	RRRR	ŤΤ	FFFFFF
PP		AAAAA	AAAAA	RR	RR	ΤT	FF	
PP		AA	AA	RR	RR	ΤΤ	FF	
PP			AA AA RR RR TT		ΤŢ	FF		
PP		•••		RR	RR	ŢŢ	FF	

F - 1 - 1

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (Hg), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

TOT OBS

SEA LEVEL PRESSURE IN MILLIBARS FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: MAY 79 - APR 89

2400

2480 2400 2479 29219

SIMIT	JN NUMBER	: 122143		ON NAME:		ONITAN A	ALD ME		PERIOL	OF RECU	JKU: MA	1 /9 - A	PR GY	
HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
0200	MEAN	1017.2	1015.6	1013.3	1011.5	1009.4	1008.7	1010.6	101.9	1010.4	1012.7	1015.1	1016.8	1012.7
	SD	4.145	4.014	4.092	3.289	2.659	2.109	2.339	2.438	2.610	3.035	3.700	4.324	4.323
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0500	MEAN	1016.9	1015.3	1013.0	1011.6	1009.7	1009.3	1011.0	1011.1	1010.6	1012.7	1015.0	1016.6	1012.7
	SD	4.190	4.025	4.098	3.407	2.625	2.126	2.261	2.399	2.616	3.128	3.757	4.387	4.203
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0800	MEAN	1018.3	1016.7	1014.4	1012.9	1010.7	1010.4	1012.3	1012.4	1011.9	1014.1	1016.6	1018.0	1014.1
	SD	4.184	4.030	4.107	3.375	2.675	2.145	2.268	2.378	2.662	3.181	3.713	4.463	4.278
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	310	3652
1100	MEAN	1018.7	1017.0	1014.4	1012.7	1010.2	1009.9	1011.9	1012.1	1011.7	1013.7	1016.4	1018.3	1013.9
	SD	4.068	3.941	3.977	3.382	2.721	2.191	2.260	2.375	2.659	3.228	3.583	4.287	4.403
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1400	MEAN	1015.7	1014.3	1012.2	1010.7	1008.5	1008.0	1009.7	1009.9	1009.4	1011.3	1013.7	1015.4	1011.6
	SD	4.045	3.810	3,950	3.425	2.803	2.237	2.256	2.412	2.555	3.179	3.566	4.112	4.143
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
1700	MEAN	1015.5	1013.7	1011.2	1009.4	1007.2	1006.5	1008.2	1008.6	1008.4	1010.8	1013.6	1015.5	1010.7
	SD	4.164	3.826	3.869	3.400	2.761	2.271	2.425	2.668	2.679	3.221	3.641	4.109	4.498
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	310	3652
2000	 MEAN SD TOT OBS	1 1017.1 4.211 310	1015.2 3.879 283	1012.4 3.956 310	1010.3 3.313 299	1007.9 2.800 310	1007.1 2.288 300	1009.2 2.712 310	1009.8 2.797 310	1009.6 2.737 300	1012.2 3.210 310	1015.1 3.705 300	1017.0 4.176 310	1011.9 4.743 3652
2300	 MEAN SD TOT OBS	1017.6 4.154 310	1015.8 3.966 283	1013.3 4.051 310	1011.6 3.210 299	1009.4 2.622 310	1008.8 2.082 300	1010.9 2.654 310	1011.0 2.688 310	1010.5 2.627 300	1012.8 3.126 310	1015.5 3.669 300	1017.4 4.212 310	1012.9 4.420 36\$2
ALL HOURS	MEAN SD	1017.1	1015.4	1013.0	1011.3	1009.1	1008.6 2.510	1010.5	1010.7	1010.3	1012.5 3.335	1015.1 3.805	1016.9 4.372	1012.5 4.507

2480 2264 2480 2396 2480 2400 2480 2480

ALTIMETER SETTING IN INCHES FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7

			20		,									
HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
0200	MEAN !	30.10	30.06	30.00	29.97	29.93	29.94	30.00	30.00	29.98	30.02	30.06	30.09	30.01
	SD	.114	.115	.117	.091	.072	.062	.064	.067	.073	.086	.100	. 124	. 106
	TOT OBS	310	283	310	300	310	300	310	310	3 00	309	299	310	3651
0500	MEAN	30.09	30.05	29.99	29.97	29.94	29.95	30.00	30.00	29.98	30.02	30.05	30.08	30.01
	SD 1	.115	.116	.118	.093	.073	.062	.061	.065	.073	.089	. 102	.126	.105
	TOT OBS	310	283	310	300	310	300	310	310	3 00	310	300	31 0	3653
0800	MEAN !	l 30.11	30.08	30.03	30.01	29.97	29.99	30.04	30.04	30.02	30.05	30.09	30.11	30.04
	SD	.115	.116	. 118	.094	.074	.064	.061	.064	.074	.091	. 102	.126	.104
	TOT OBS	310	283	310	300	310	300	310	310	300	310	299	310	3652
1100	MEAN	30.14	30.09	30.03	30.01	29.96	29.97	30.03	30.03	30.01	30.05	30.09	30.13	30.05
	SD	. 113	.115	.116	.095	.075	.065	.060	-064	.074	.092	.099	. 123	.108
	TOT OBS	310	283	310	300	310	300	310	310	3 00	310	300	310	3653
1400	 MEAN	30.05	30.02	29.97	29.95	29.91	29.92	29.97	29.97	29.95	29.98	30.02	30.05	29.98
	SD I	.112	.111	.114	.095	.077	.066	.061	.066	.072	.091	.097	.119	.103
	TOT OBS	310	283	310	3 00	310	300	310	310	300	310	300	310	3653
1700	MEAN (30.04	30.00	29.4	29.91	29.86	29.87	29.92	29.93	29.92	29.96	30.01	30.04	29.95
	į so į	.116	.111	.111	.093	.076	.065	.064	.071	.075	.091	.099	.117	.110
	TOT OBS	310	283	310	299	310	300	310	310	300	310	300	310	3652
2000	MEAN	30.08	30.03	29.97	29.93	29.89	29.89	29.95	29.96	29.95	29.99	30.04	30.08	29.98
	i so i	.116	.111	.113	.090	.076	.066	.071	.074	.077	.090	.100	.118	.112
	TOT OBS	310	283	310	299	309	300	310	310	300	310	300	310	3651
23 00	(MEAN)	30.10	30.06	30.00	29.98	29.94	29.94	30.00	30.00	29.98	30.02	30.06	30.10	30.02
	i so i	.1,4	.114	.116	.087	.071	.060	.070	.072	.073	.088	.099	.120	.107
	TOT OBS	310	283	3 10	299	310	300	310	310	300	310	300	310	3652
ALL	 MEAN	30.09	30.05	29.99	29.97	29.92	29.93	29.99	29.99	29.97	30.01	30.05	30.08	3 0.00
HOURS	SD I	.118	.117	. 119	.098	.082	.074	.074	.076	.081	. 095	. 103	. 124	.111
	TOT OBS	2480	2264	2480	2397	2479	2400	2480	2480	2400	2479	2398	2480	29217

STATION PRESSURE IN INCHES FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: MAY 79 - APR 89

LST TO UTC: + 7

			231 1	0 0.0.	•									
HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANN
0200	MEAN	27.28	27.24	27.18	27.15	27.13	27.13	27.19	27.19	27.17	27.21	27.24	27.27	27.20
	SD	.106	.115	.108	.084	.079	.077	.070	.071	.075	.086	.104	.127	.105
	TOT OBS	310	283	310	300	310	300	310	3 10	3 00	309	299	310	3651
0500	MEAN	27.27	27.23	27.17	27.15	27.13	27.14	27.19	27.19	27.17	27.21	27.24	27.26	27.20
	SD	.107	.116	.108	.086	.079	.076	.067	.069	.075	.088	.106	.127	.104
	TOT OBS	.310	283	310	300	310	300	310	310	300	310	300	310	3653
0800	MEAN	27.29	27.26	27.20	27.19	27.16	27.18	27.23	27.23	27.21	27.24	27.27	27.29	27.23
	SD	.106	.115	.109	.087	.080	.078	.068	.068	.076	.090	.105	.127	.103
	TOT OBS	.310	283	310	300	310	300	310	310	300	310	299	310	3652
1100	MEAN	27.32	27.28	27.21	27.18	27.15	27.17	27.22	27.22	27.20	27.23	27.27	27.31	27.23
	SD	.106	.114	.107	.087	.081	.079	.068	.068	.076	.092	.103	.125	.107
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
100	MEAN	27.24	27.21	27.15	27.13	27.10	27.12	27.16	27.17	27.14	27.17	27.20	27.23	27.17
	SD	.106	.111	.105	.088	.082	.080	.070	.070	.075	.091	.101	.122	.103
	TOT OBS	310	283	310	300	310	300	310	310	300	310	3 00	310	3653
1700	MEAN	27.23	27.19	27.12	27.09	27.06	27.07	27.12	27.13	27.11	27.15	27.20	27.23	27.14
	SD	.109	.111	.102	.086	.082	.081	.072	.075	.076	.091	.102	.120	.109
	TOT OBS	.310	283	310	299	310	300	310	310	300	310	300	310	3652
2030	MEAN (SD)	27.26 .108 .310	27.22 .111 283	27.15 .105 310	27.12 .084 299	27.09 .083 309	27.09 .081 300	27.15 .074 310	27.16 .076 310	27.14 .076 300	27.18 .089 310	27.23 .103 300	27.26 .120 310	27.17 .111 3651
2300	MEAN SD TOT OBS	27.28 27.28 .107 310	27.24 .117 283	27.18 .105 310	27.15 .079 297	27.13 .080 310	27.14 .076 300	27.20 .073 310	27.19 .076 310	27.17 .077 300	27.21 .085 3 10	27.25 .108 300	27.29 .122 312	27.20 .106 3652
ALL HOURS	MEAN SD TOT OBS	27.27 .110 2480	27.23 .117 2264	27.17 .110 2480	27.15 .090 2395	27.12 .087 2479	27.13 .086 2400	27.18 .078 2480	27.18 .078 2480	27.17 .081 2400	27.20 .093 2479	27.24 .107 2398	27.27 .126 2482	27.19 .110 29217

PPPPP	PPP	AAAAA		RRRRRRRR		**********	GGGG	
PPPPP		AAAA	AAAA	RRRR	RRRRR	111111111	GG	GGGGGG
PP	PP	AA	AA	RR	RR	ŢŢ	GG	GG
PP	PP	AA	AA	RR	RR	ŢΤ	GG	
PPPPP	PPPP	AA	AA	RRRR	RRRRR	11	GG	
PPPPP		AAAAA	AAAAA	RRRR	RRRR	TT	GG	GGGG
PP		AAAAA	AAAAA	RR	RR	TT	GG	GGGGG
PP		AA	AA	RR	RR	ΤT	GG	GG
PP		AA	AA	RR	RŘ	11	ODDDDD	
DD.		AA	AA	RR	RR	TT	მმმმმმ	

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- . BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WINF DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: JAN

...... CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

• • • • • • • • • • • • • • • • • • • •	• • • • • •		• • • • • •	• • • • •	• • • • • • • • •	• • • • • •		• • • • • • •	• • • • • • • • •	• • • • • •				• • • • • •	· · · · · ·	• • • • •
TIME (LST)	{	000	00 - 02	200		03	ioo -	0500		06	500 - 00	300			0 9 00 -	1100
SPEED (KTS)	GE15	GE20	GE25	OBS	GE 15	GE20	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	088
CATEGORY A	.3			930	.2			930				930	.2			930
CATEGORY &	.6	.3	.1	953	ه.	.3	. 1	944	.6			943	1.2	.3		941
	•••••	• • • • • •			• • • • • • • • • • • • • • • • • • • •	•••••			• • • • • • • • • • • • • • • • • • • •	• • • • • •			•••••	· • • • •	. 	
TIME (LST)	1	120	00 - 14	100		15	00 -	1700		18	300 - 20	000			2100 -	2300
SPEED (KTS)	GE 15	GE20	GE 25	085	GE 15	GE20	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE20	GE 25	OBS
CATEGORY A	1.1	.5	.1	930	1.4	.3		930	.2			93υ				930
CATEGORY B	4.4	1.4	.7	944	5.3	1.9	.7	951	1.8	.5	.1	943	.8			942
• • • • • • • • • • • • • • • • • • • •		• • • • •	• • • • • • • • • • • • • • • • • • •		· · · · · · · · · · · ·	• • • • •			• • • • • • • • •				•••••	 .		
TIME (LST)			• • • • • •		በልበ	00 - 2	กกก	•••••	* * * * * * * * * * * * * * * * * * * *		Δι ι	HOUR		•••••	,	•••••
								000		054						
SPEED KTS	1				GE15 GE2	CU GE	25	OBS		GE 1	5 GE20	GE 25	OBS			
CATEGORY A	İ				.6 .	.2	.0	4650		• '	4 .1	.0	7440			
CATEGORY B					2.7 .	.8	.3	4722		1.	9 .6	.2	7561			
	1															

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

																	• • • • •
TIME (LST)	!	000	00 - 0	200			0300	- 050	10		O	600 - 1	0080			0900 -	1100
SPEED (KTS)	GE 15	GE 20	GE 25	088	GE 15	GE2	20 GE	25 (SBC	GE 15	GE 20	GE 25	OBS	GE 15	GE20	GE 25	085
CATEGORY A	,			849				8	349				849	.2			849
CATEGORY B	.3	.2		865		7.	. 1	8	863	.1			857	1.1	.2		856
	! • • • • • • •				• • • • • • · · ·		· • • • •					• • • • •					
TIME (LST)	l	120	00 - 1	400			1500	- 170	00		1	800 -	2000			2100 -	2300
SPEED (KTS)	l GE 15	E20	GE 25	OBS	GE 15	GE 2	0 GE 2	25 C	BS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	065
CATEGORY A	! ! .9	.2		849	1.	5			849	.5			849	.1			949
CATEGORY B	4.5	1.7	. 1	868	5.	2 2	.2	.1	867	1.3	.3	. 1	864	.7	.5	1	862
	! 													• • • • • • • •			
		• • • • • •		• • • • • •		• • • • •		• • • • • •	• • • • •	• • • • • • • •			• • • • • •	• • • • • • • •			
TIME (LST)	!				06	- 00	2000					ALL	HOUF	RS			
SPEED KTS	!				GE 15 GI	20 (GE 25	OE	3\$		GE 1	5 CE20	GE 25	5 OBS			
CATEGORY A	1				.6	.0		424	•5			4 .)	6792			
CATEGORY B	1				2.4	.9	.1	431	12		1.	7 .	7.	1 6902			
	1																

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APP 09

MONTH: MAR

CATEGORY A:	ANY	CEILING	OR	VISIBILITY	(HOURLY	OBS	ONLY)
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		. 	CA	TEGORY	' B: HIG	HEST W	INDS R	EPORTE	NITHIN	H an:	OUR (HC	URLIES	+ SPEC1#	ALS)		
TIME (LST)		000	00 - 02	00		03	300 -	0500		06	500 - 0	800		09	00 -	1100
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE25	OBS	GE 15	GE 20 C	GE 25	088
CATEGORY A	.1			930				930				930	.2			930
CATEGORY B	.6	.4	.1	941	.8			933	.8	.3		947	2.3	.7	.1	947
	} 								• • • • • • • • •					· · · · · · ·		
TIME (LST)		120	00 - 14	00		15	500 -	1700		18	300 - 2	000		21	00 -	2300
SPEED (KTS)	GE 15	GE20	GE 25	OBS	GE 15	GE20	GE 25	OBS	GE 15	GE20	GE 25	OBS	GE 15	GE 20 (GE 25	OBS
CATEGORY A	2.0	.4	.1	930	2.6	9		93 0	.9			930				930
CATEGORY B	7.8	3.2	1.3	954	8.6	3.8	2.1	955	3.3	1.1	.4	939	.7	.2		936
) 								• • • • • • • • • • • • • • • • • • • •							
	• • • • • •	• • • • • •		· · · · · ·	•••••	•••••	• • • • • •			• • • • • •		• • • • • • •		• • • • • •	• • • • •	
TIME (LST)	ļ				06	00 - 2	2000				ALL	HOURS	5			
SPEED KTS	! [GE 15 GE	20 GE	25	OBS		GE 1	5 GE 20	GE 25	OBS			
CATEGORY A					1.1	.3	.0	4650			7 .2	2 .0	7440			
CATEGORY B	! !				4.6 1	.8	.8	4742		3.	1 1.2	2 .5	7552			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

TIME (LST)		000	00 - 02	200		0	300 -	0500		0	600 - 0	800			0900 -	1100
SPEED (KTS)	GE 15	GE 20	GE 25	088	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	ocs	GE 15	GE 20	GE 25	OBS
CATEGORY A				900				900				900	1.0	.1		900
CATEGORY B	.2			906	.2			904	.2	.1		903	5.0	1.7	.6	926
TIME (LST)	•••••	120	0 - 140	00		1'	500 -	1700		18	300 - 2	000			2100 -	2300
SPEED (KTS)	GE 15	GE20	GE 25	085	GE 15	GE SC	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE25	OBS
CATEGORY A	2.2	.6		900	2.8	3 .8	3 .3	899	1.0	. 1		897	.2			897
CATEGORY 8	12.1	4.1	1.2	918	14.3	5.5	5 1.7	915	3.8	1.6	.3	911	1.3	.5	.1	910
	· · · · · · · ·	 	 	 	· · · · · · · · · · ·	 		• • • • • • • • • • • • • • • • • • •		• • • • • •					• • • • • • • • • • • • • • • • • • •	
TIME (LST)					06	00 - 2	2000				ALL	HOURS	5			
SPEED KTS	!				GE 15 GE	20 GE	25	OBS		GE 1	5 GE20	GE25	OBS			
CATEGORY A					1.4	.3	.1	4496			2 .2	.0	7193			
CATEGORY 6					7.1 2	.6	.8	4573		4.	7 1.7	.5	7293			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745

SPEED (KTS)

CATEGORY A

STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

GE15 GE20 GE25 OBS

930

1.9

PERIOD OF RECORD: MAY 79 - APR 89

GE15 GE20 GE25 OBS

.3

930

MONTH: MAY

GE15 GE20 GE25 OBS

070

1.1

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS) 0000 - 0200 0300 - 0500 0600 - 0800 TIME (LST) | 0900 - 1100 SPEED (KTS) | GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS GE15 GE20 GE25 OBS 930 CATEGORY A . 1 930 930 930 - 4 CATEGORY B 930 930 .3 932 937 .1 3.1 .7 1200 - 1400 1500 - 1700 1800 - 2000 TIME (LST) 2100 - 2300

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B 13.5 4.1 1.3 945 17.2 7.0 1.3 966 7.2 1.4 .1 953 1.1 . 4 .1 938

930

TIME (LST) 0600 - 2000 ALL HOURS SPEED KTS GE15 GE20 GE5 OBS GE15 GE20 GE25 OBS CATEGORY A 1.2 .0 4650 .8 .0 7440 8.3 2.7 CATEGORY B .5 4733 5.4 1.8 .4 7531

GE15 GE20 GE25 OBS

. 1

2.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

.....

MAGNETIC RUNWAY HEADING: 126-306

CATEGORY B

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: JUN

3.7 1.1 .2 7281

	CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)																
			CA	TEGORY	B: H10	HEST	WIND	S RE	PORTED	WITHIN	THE HO	UR (HO	URLIES	+ SPECIA	LS)		
TIME (LST)	 ļ	000	00 - 02	200			0300	- 05	500		0	500 - 0	800		• • • • •	09 00 -	1100
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE 1	GE 2	O GI	E 25	088	GE 15	GE 20	GE 25	ORS	GE 15	GE 20	GE 25	OSS
CATEGORY A	<u> </u>			900					900				900	.3			6 110
CATEGORY B	. 1			901					903	.1			904	2.0	.4		905
• • • • • • • • • • • •	! 					 .	• • • •										
TIME (LST)		120	00 - 14	00			1500	- 1	700		1.	300 - 2	2000			2100 -	2300
SPEED (KTS)	! GE15	GE20	GE 25	OBS	GE 1	GE2	0 G	E 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE20	GE 25	OBS
CATEGORY A	.8			900	1.	1 .	2		900	.4			900				900
CATEGORY B	8.6	2.7	.3	917	12.	7 3.	5	.9	922	5.1	1.7	.3	920	.6			909
	 										 .						
T100 4 6T				• • • • • •			3000				• • • • • •						
TIME (LST)	i 				U	500 -	2000	ı				ALL	HOURS	•			
SPEED KTS	(GE 15 G	20 0	E25	,	085		GE 15	GE 20	GE 25	OBS			
CATEGORY A	1				.5	.0		4	500		.3	.0		7200			

5.7 1.7 .3 4568

USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: JUL

...... CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

TIME (LST)	ļ	000	00 - 02	200		03	i00 - (0500		0	500 - (0800			0900 -	1100
SPEED (KTS)	 GE15	GE20	GE25	08\$	GE15	GE20	GE25	OBS	GE 15	GE20	GE25	OBS	GE 15	GE20	GE 25	OBS
CATEGORY A	.1			930				930				930	.1			930
CATEGORY B	.4	.1	.1	941	.1	.1		938				934	.6	.4	.2	937
		• • • • • •					• • • • • •					• • • • • • •	• • • • • • •			• • • • •
TIME (LST)	ļ	12	00 - 14	•00		15	600 -	1700		1	B00 - 1	2000			2100 -	2300
SPEED (KTS)	GE 15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE 15	GE20	GE 25	OBS	GE15	GE20	GE 25	OBS
CATEGORY A	.3			930	.3			930	1.0	.3	.1	930	.5	. 1		930
CATEGORY B	3.2	.9	-4	973	5.0	1.3	.4	9 91	3.7	2.1	1.0	975	2.3	.8	.2	968
TIME (LST)	1				060	00 - 2	000				ALL	HOUR	:S			
SPEED KTS	i i				GE15 GE2	20 GE	25	OBS		GE 1	5 GE2	0 GE 25	OBS	6		
CATEGORY A	İ				.3 .	. 1	.0	4650			3.	1 .0	7440)		
CATEGORY 8	}				2.6 1.	.0	.4	4810		2.	0 .	7 .3	7657	7		
	İ															

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: AUG

..... CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

			CA [*]	TEGORY	B: HIGH	EST WI	INDS R	EPORTED	MIHTIW	THE HO	UR (HC	OURLIES	+ SPEC14	\LS)		
TIME (LST)		000	00 - 02	200		03	300 - 1	0500		06	500 - 1	0800			0900 -	1100
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE25	OBS	GE 15	GE 20	GE25	OBS	GE 15	GE 20	GE 25	OBS
CATEGORY A	ļ			930				930				930	.1			930
CATEGORY B	.3			959	.5	.3	.2	947				938	.2	.1		938
						• • • • • •				· · · · · · ·				•••••	<i>.</i>	
TIME (LST)	1	120	00 - 14	•00		15	50 0 -	1700		18	300 -	200 0			2100 -	2300
SPEED (KTS)	GE 15	GE20	GE 25	OBS	GE 15	GE SO	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE20	GE 25	OBS
CATEGORY A	!			930	.5			930	.2	. 1		930	.2			930
CATEGORY B	l .6	. 1		965	3.5	.7	.2	1040	2.2	.4	. 1	1007	1.5	.7	.2	983
			 											· • • • • • •		
TIME (LST)	!				060	0 - 20	000				ALL	HOURS				
SPEED KTS	} }			G	E15 GE2	0 GE	25	OBS		GE 15	GE20	GE 25	08\$			
CATEGORY A	!				.2 .	0		4650		.1	()	7440			

CATEGORY B 1.4 .3 .1 4888 1.1 .3 .1 7777

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS

FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

					• • • • • • • •	•••••		• • • • • • •	• • • • • • • • • •	• • • • • •	· · · · · ·			• • • • •		
TIME (LST)	ļ	000	00 - 02	:00		0	300 -	0500		06	500 - 0	800			0900 -	1100
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE2	5 08 S	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS
CATEGORY A	.1			900	.2	.1		900				900	.1			900
CATEGORY B	1 .6	.1		905	.2	. 2		1 906	.1			904	1.4	.4		905
	• • • • • • •	• • • • • •									• • • • • •			• • • • •	· • • • • • •	
TIME (LST)	ļ	120	00 - 14	00		1	500 -	1700		18	300 - 2	2000			2100 -	2300
SPEED (KTS)	 GE 15	GE20	GE 25	085	GE 15	GE20	GE 2	5 OBS	GE 15	GE20	GE 25	OBS	GE 15	GE 20	GE 25	OBS
CATEGORY A	 -4			900	.6			900	.6	.3		900	.2	.1	.1	900
CATEGORY B	 5.1	1.0	.1	920	4.5	1.3		1 931	1.6	.7	.5	915	.5	.1	.1	911
	{ - · · · · · ·	• • • • • •				•••••			• • • • • • • • • • • • • • • • • • • •	••••						
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • •		• • • • •
TIME (LST)	ļ				06	00 - 2	2000				ALL	HOU	RS			
SPEED KTS	<u> </u>				GE 15 GE	20 GE	25	OBS		GE 1	5 GE2	0 GE 25	5 OB	5		
CATEGORY A	!				.3	.1		4500			3.	1 .0	7200)		
CATEGORY B	1 1				2.6	.7	.2	4575		1.	8 .	5 .	1 729	7		

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

CATEGORY A

CATEGORY B

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

.5 .1

2.7 .9 .1

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

7440

7537

MONTH: OCT

.3 .1

1.8 .6 .1

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)		000	00 - 02	200		03	300 -	0500	••••	0.	500 - 0	300			0900	1100
SPEED (KTS)	GE 15	GE20	GE 25	085	GE 15	GE 20	GE25	OBS	GE 15	GE20	GE 25	OBS	GE 15	GE 20	GE 25	OBS
CATEGORY A				930				930	.1			93 0	.2	.1		930
CATEGORY B				939	.5			938	.3			934	1.5	.5	.1	941
				· • • • • •						. <i>.</i>						
TIME (LST)		120	OO - 14	•00		19	500 -	1700		1:	800 - 2 [.]	000			2100 -	2300
SPEED (KTS)	GE 15	GE 20	GE 25	088	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE 25	OBS
CATEGORY A	1.0	. 3		930	1.0			930				930				93 6
CATEGORY B	5.5	2.6	.3	945	5.1	1.5	. 1	948	1.3			950	.5			942
	 .			• • • • • •												• • • •
											••••		• • • • • • •			••••
TIME (LST)						0 - 20					ALL	HOURS				
SPEED KTS					GE15 GE2	U GE	25	082		GE 15	GE 20	GE 25	OBS			

4650

4718

PERCENTAGE FREQUENCY OF OCCURRENCE OF CRSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

			ÇA	TEGORY	B: HI	GHES	T WI	NDS R	EPORTE	WITHIN	THE H	OUR (H	OURL IE	S + SPECI	ALS)		
TIME (LST)	}	00	00 - 02	200			03	00 - (500		0	600 - (0800			0 90 0 -	1100
SPEED (KTS)	GE15	GE 20	GE 25	OBS	GE 1	5 GE	20	GE25	085	GE 15	GE 20	GE 25	OBS	GE 15	GE 20	GE25	OBS
CATEGORY A	1			900					900	.1			900				900
CATEGORY B	.6	.1		908		4	.3		914	.3	.2		913	.6			909
	1 				• • • • • • •					• • • • • • • • •			. 				
TIME (LST)	Į	12	00 - 14	00			15	00 - 1	1700		18	800 - 2	2000			2100 -	2300
SPEED (KTS)	GE15	GE20	GE 25	OBS	GE 1	5 GE	E20	GE25	OBS	GE 15	GE 20	GE25	OBS	GE 15	GE20	GE 25	OBS
CATEGORY A	} .7	.1		900	•	9	.2		900	.3			900	.1			900
CATEGORY B	4.6	1.5		908	3.	7 1	1.6	.8	900	1.4	.7	.2	907	.8	.1	.1	910
) 	• • • • • •			• • • • • • •					• • • • • • • • •							••••
•••••	• • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	••••	• • • •	• • • • •	•••••	• • • • • • • • •	• • • • • •	• • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • •		• • • • •
TIME (LST)	!				(600	- 20	000				ALL	HOU	RS			
SPEED KTS					GE 15 (£20	GE	25	OBS		GE 1	5 GE2	0 GE2	5 089	;		
CATEGORY A	ļ ļ				.4	.1			4500			3.	0	7200)		
CATEGORY B					2.1	.8		.2	4537		1.	5 .	6.	1 7269)		

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89

MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

				• • • • • •	• • • • • • •	• • • •		• • • • •		• • • • • • • • •	• • • • • •		• • • • • • •	• • • • • • • • • •	• • • • •	• • • • •	
TIME (LST)		000	00 - 02	200			03	00 - 0	500		0	600 -	0 80 0			0900 -	1100
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE 1	5 (GE 20	GE 25	088	GE 15	GE 20	GE 25	085	GE 15	GE 20	GE 25	OBS
CATEGORY A]			930		i			930	.2	. 1		930	.5			930
CATEGORY B	. 1			951	-	5	.2		951	.6	.4	.2	954	1.3	.7	. 1	949
				• • • • • •							• • • • • •			• • • • • • • • • • • • • • • • • • • •			
TIME (LST)		120	00 - 14	•00			15	00 - 1	1700		1	800 -	2000			2100 -	2300
SPEED (KTS)	GE 15	GE 20	GE 25	OBS	GE '	5 (GE 20	GE25	088	GE 15	GE 20	GE 25	OBS	GE 15	GE20	GE 25	OBS
CATEGORY A	.5			930		1			930	.1			930				930
CATEGORY B	2.8	.7		956		9	.4		967	.5	. 1		958				950
• • • • • • • • • • • • • • • • • • • •	(· • • • • • • •						• • • • • •		• • • • •				
		· · · · · ·	• • • • • •	• • • • • •		• • • •	• • • • •	• • • • • •		• • • • • • • • •	• • • • • •	• • • • • •	•••••				• • • • • •
TIME (LST)					C	600	- 20	000				ALL	HOUR	?s			
SPEED KTS					GE 15	E 20	GE 2	25	OBS		GE 15	5 GE 20) GE 25	OBS			
CATEGORY A	 				.3	.0		4	650		.;	2 .0)	7440			
CATEGORY B	! !				1.2	. 5		1 4	¥784		.0	.:	3 .0	7636			

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 126-306

STATION NUMBER: 722745

STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7

PERIOD OF RECORD: MAY 79 - APR 89 MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

				• • • • • •	• • • • • • • •	•••••	• • • • •					• • • •				• • • • •	
TIME (LST)		000	0 - 0	200		0:	300 -	0500		0	- 00	080	00			0900 -	1100
SPEED (KTS)	GE 15	GE20	GE25	OBS	GE 15	GE20	GE2	S OBS	GE 15	GE20	GE25	0	BS	GE 15	GE20	GE 25	OBS
CATEGORY A	.1			10959	.0	.0		10959	.0	.0		109	59	.3	.0		10959
CATEGORY B	3	.1	.0	11099	.4	.1	.0	11071	.3	.1	.0	110	63	1.7	.5	.1	11091
	 • • • • • • •		••••						•					<i></i> .			
TIME (LST)		120	00 - 1	400		1	500 -	1700		1	800 -	500	00			2100	- 2300
SPEED (KTS)	GE15	GE20	GE25	OBS	GE 15	GE20	GE2	5 OBS	GE 15	GE 20	GE25	0	BS	GE 15	GE20	GE 25	OBS
CATEGORY A	1.0	.2	.0	10959	1.3	.2	.(10958	.5	.1	.0	109	56	. 1	.0	.0	10956
CATEGORY B	6.0	2.0	.5	11213	7.	2.5		7 11353	2.8	.9	. 3	112	242	.9	.3	.1	11161
	1 		••••			• • • • • •						• • • •					
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	•••••			• • • • • •	• • • • •		• • • • • • • • • •		••••	• • • •			••••	• • • • •	
TIME (LST)	ļ				0	50o - 2	2000				AL	L	HOURS				
SPEED KTS	! !				GE15 GI	20 GE	25	OBS		GE 1	5 GE	20	GE 25	OBS	5		
CATEGORY A					.6	.1	.0	54791			4	. 1	.0	87665	5		
CATEGORY B	! 				3.6	1.2	.3	55962		2.	5	.8	.2	89293	5		

PPPPP	000	AAA	AAA	RRRRI	RRRR	TTTTTTTT	nn	пн
PPPPP			AAAA	RRRR	RRRRR	TTTTTTTTT	нн	НН
PP	PP	AA	AA	RR	RR	ΤŢ	HH	нн
PP	PP	AA	AA	RR	RR	TT	нн	нн
PPPPP		AA	AA	RRRR	RRRRR	ŢŢ	.,	ннннн
PPPPP			AAAAA	RRRR	RRRR	ΤΤ	нинин	ннннн
PP	FFF		AAAAA	RR	RR	TT	нн	нн
PP		AA	AA	RR	RR	TT	нн	НН
PP		AA	AA	RR	RR	ŢŢ	нн	нн
PP		AA	AA	RR	RR	TT	нн	нн

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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS. IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

•

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONF "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

HEATING DEGREE DAYS FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: JAN 48 . APR 89

			LS	T TO UTC	: + 7									
YEARS	1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANN
1948		352	393	285	24		• • • • • • • • •	•••••	• • • • • • • • •		15	235	342	1646
1949	Į	****	343	180	52						58	26	359	1018
195 0	l	389	176	127	18	18						44	165	937
1951	ı	396	278	178	77	23					17	152	373	1694
1952	ĺ	357	339	373	65							240	402	1775
1953	İ	29	319	135	40	19					13	123	440	1368
1954	ĺ	278	89	162	1	3					6	53	289	881
1955	İ	511	396	136	45	6						174	255	1523
1956	{	232	457	152	76						45	195	336	1493
1957	ĺ	329	120	163	62	21					31	279	274	1279
1958	İ	384	236	314	99						20	161	204	1418
1959	j	270	298	134	3	5					35	125	337	1207
1960	İ	491	427	98	35	3					31	161	417	1663
1961	1	306	287	204	34	1					58	297	408	1595
1962	i	440	256	312	8	9					17	143	305	1490
1963	ĺ	441	187	195	59						4	205	364	1455
1964	j	537	488	336	130	33					9	316	421	2270
1965	İ	383	400	320	126	35					27	104	358	1753
1966	1	503	466	175	34	2					21	113	377	1691
1967	j	407	236	109	115	22					13	93	507	1502
1968	ĺ	393	196	240	124	2					4	229	443	1631
1969	i	292	363	367	36	38					69	207	371	1743
1970	İ	452	234	329	155	5					40	106	356	1677
1973	1	512	331	449	180	15					19	216	358	2080
1974	i	408	316	128	37	5					47	179	508	1628
1975	į	409	358	267	174	22					34	182	345	1791

1976 1977 1978 1979 1980		343 454 391 525 321	182 254 335 316 200	220 327 173 280 236	94 83 83 88 94	7 16 29 20 8			58 3 15 26 48	183 136 234 241 163	382 261 478 272 173	1469 1534 1738 1768 1243
1981 1982 1983 1984 1985		268 385 373 366 456	208 259 348 320 313	263 190 273 150 197	31 36 179 123 38	8 11 2			23 33 1 54 11	77 188 237 223 214	253 447 315 412 395	1123 1546 1737 1650 1624
1986 1987 1988 1989	}	263 419 405 447	298 304 214 219	148 260 218 78	37 27 81 10	12 35		2	16	154 194 229	364 460 392	1294 1664 1574 754
MEAN SD	l 	388 79.66	293 91.70	222 87.08	70 49.52	11.63		.32	23 19.59	175 67.45	356 82.96	
					****SI	PL 30YR	SUMMATION (1951 -1980)****					
MEAN	1	394	298	232	77	12			25	178	357	
SD	1	85.76	101.19	94.09	48.71	11.80			19.08	63.34	83.31	

COOLING DEGREE DAYS FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ LST TO UTC: + 7 PERIOD OF RECORD: JAN 48 - APR 89

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YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	NN
1948	1 1	1	1	171	369	591	726	671	575	262	6	1	3375
1949	****	2	12	166	297	565	637	624	554	160	89	6	3112
1950	4	5	32	191	274	542	566	647	433	419	70	9	3192
1951	2	10	5	86	333	510	749	627	568	293	3		3186
1952	İ		9	96	410	594	698	672	602	421	43		3545
1953	7		39	116	213	638	702	727	620	284	108		3454
1954	2	27	20	264	410	591	691	608	575	334	41	9	3572
1955	1		25	88	263	567	620	559	535	331	22		3010
1956	3		33	83	376	657	637	602	585	232	20		3228
1957	İ	26	7	72	202	628	721	624	514	169			2963
1958	ľ	3		98	457	626	701	617	484	273	18		3277
1959	2		12	205	308	661	698	562	510	247	8	1	3214
1960	l		40	130	309	639	705	660	523	134	22	4	3166
1961	1	1	10	117	304	571	623	484	360	199			2669
1962	1	10	11	178	216	459	625	685	505	173	38		2900
1963		29	17	88	388	437	677	529	558	280	23		3026
1964	1		15	61	260	494	630	515	332	224	2		2533
1965	1		4	95	149	360	549	609	403	296	55	4	2524
1966	1		14	65	348	551	662	599	447	174	27	2	2889
1967	Į.	3	40	39	246	472	625	605	473	223	44		2770
1968	1	1	4	33	224	526	575	479	465	195	11		2513
1969	1		11	87	357	491	644	657	508	133			2888
1970	1	4		19	344	550	668	598	372	96	19	3	2673
1973	1			21	300	528	620	643	482	246	35		2875
1974	i	1	31	103	354	713	636	607	408	237	5		3095
1975	İ		12	23	226	522	606	678	492	214	38	3	2814

1976 1977 1978 1979 1980		3	1	16 3 35	96 104 54 89 101	268 173 267 249 188	528 573 617 548 601	589 671 709 701 731	646 645 598 563 573	417 504 496 581 496	150 248 311 297 254	25 17 34 16 61	5	2739 2938 3121 3044 3018
1981 1982 1983 1984 1985		1	6 5	4 7 4 6 5	152 105 29 67 155	239 271 261 447 341	661 499 475 539 593	663 634 646 570 671	696 594 565 530 627	508 461 487 490 366	179 139 115 93 157	56 2 5 15	5	3170 2717 2587 2757 2931
1986 1987 1988 1989) †	1	10 1 6 3	42 7 33 112	106 173 87 263	314 260 295	608 60 3 583	589 649 686	611 581 621	397 430 472	150 313 301	2 12 40	3	2830 3029 3127 378
MEAN		0	4	17	106	295	561	653	608 55.44	486 70.93	229 81.02	26 25.11	1 2.49	
SD	!	1.46	7.34	20.26	59.69 ****Si	73.86 PL 30YR :	70.69 SUMMATION	49.88 49.88			81.02	25.71	2.47	
MEAN	į	Ú	4	14	93	290	559	659	606	493	238	26	1	
SD	!	1.56	8.58	13.15	53.72	79.16	77 .3 0	49.94	58.95	73.92	71.85	23.22	2.17	

STATION NAME: DAVIS-MONTHAN AFB AZ

| LATITUDE/LONGITUDE: 32 10 N 110 53 W

CLIMATIC BRIEF

HOURLY OBS POR: MAY 79 - APR 89

SUMMARY OF DAY POR: JUL 41 - JAN 46, JAN 48 - APR 89 HOURS SUMMARIZED: 0000 - 2300 LST

MAY 90 | LST TO UTC: +07

FIELD ELEV: 2705 FT STATION MSC: 722745

CALL SIGN: KDMA

SUPERSEDES: NOV 86

ı	MAT 70 E31 10 0	16. 707														ŀ
ï	MONTH	JAN	FEB	MAR	APR	MAY (JUN	JUL	AUG	SEP	ост (NOV	DEC	ANN	YOR	i
; ;	EXTRM MAX TEMP (F) MEAN MAX TEMP (F) MEAN TEMP (F) MEAN MIN TEMP (F) EXTRM MIN TEMP (F)	88 63 52 40	89 67 55 42 23	97 71 58 45 22	102 80 66 52 31	106 88 74 59 37	112 98 83 69 50	111 98 86 74 63	111 96 84 73 63	108 93 81 69 51	101 84 71 59 31	91 72 60 47 26	84 65 53 41 20	112 81 69 56 17	48 48 48 48 48	
}	D/W TEMP GE 100 (F) D/W TEMP GE 90 (F) D/W TEMP LT 40 (F) D/W TEMP LT 33 (F)	0 0 14 4	0 0 10 2	0 1 6 1	# 4 1 #	1 15 # 0	13 27 0 0	13 28 0 0	6 27 0 0	4 23 0 0	# 8 1 #	0 # 4 1	0 0 12 3	37 133 48 11	48 48 48 48	
	HEATING DEGREE DAYS COOLING DEGREE DAYS	38 8 #	293 4	22 2 17	70 106		0 561	0 65 3	•		2 3 229			153 8 2986	42 42	1
	MEAN DEWPOINT TEMP (F) MEAN WET BULB TEMP (F) 99.95% WCPA (FT)	31 42 2800	31 44 2850	31 46 2900	31 50 2850	33 54 2850	38 60 2850	55 67 2800	59 68 2800	50 63 2800	40 55 2800	31 46 2800	31 43 2850	38 53 2900	10 10 10	1
	MEAN REL HUM 07 LST(%) MEAN REL HUM 13 LST(%)	57.7 35.4	56.0 32.0	50.9 27.5	39.4 20.2	33.6 17.1	28.4 15.7	50.8 28.9	60.7 34.3	51.1 28.2	49.0 27.6	49.4 29.5	55.7 35.1	48.6 27.6	10 10	į
	MAX 24HR PRECIP (IN) MAX PRECIP (IN) MEAN PRECIP (IN) MIN PRECIP (IN) D/W PRECIP GE .01 (IN) D/W PRECIP GT .50 (IN)	1.18 3.00 .94 .00 4	3.24 .77 .00	1.95 2.32 .79 .00 4	1.04 1.78 .33 .00 2	1.08 .17 .00	1.15 .27 .00	6.18 2.06 .23	4.89 1.92	1.27	5.26 .93	2.10 .67 .00	5.81 1.03 .00	3.01 23.32 11.22 5.67 49	48 48	
	MAX 24HR SNFL (IN) MAX SNFL (IN) MEAN SNFL (IN) D/W SNFL GE .1 (IN) D/W SNFL GE 1.5 (IN)	2.9 4.9 3 1	3.1 3.5 .1 1	2.2 (4.1) .1 # (.5 .5 # #	# # # 0	0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0	0 0 0 0	6.6 6.6 .2 # #	6.0 6.0 .3 1	6.6 6.6 1.1 3	41 41 41 41	-
ì	MAX DLY SNO DEPTH (IN)	1 1	1	4 1	0	0	0	0	0	0 (0	3	3	4	41	į
	PRVLNG WND DIR (DEG) MEAN WND SPD (KTS) MAX WND SPD (KTS)	11-13 4 41	11-13 4 50	14-16 5 47	14-16 5 56	14-16 5 47	14-16 5 60	14-16 5 68	14-16 4 70	14-16 4 46	14 - 16 4 49	14 - 16 4 46	11-13 4 50	14-16 4 70	10 10 40	
	SKY COVER GT 5/10 (%) D/W THUNDERSTORMS D/W FOG (VSBY LT 7 MI)	39.0 1 1	41.4 1 1	35.0 1 1	31.6 1 #	22.0 2 #	20.7 3 0	47.0 15 #	45.9 14 #	24.0 5 1	25.2 2 1	27.0 1 1	36.9 1 1	33.3 47 7	10 40 40	1

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN

WIND DIRECTION

M	ONTH	JAN	FEB	PERCE MAR	NT OCC	URRENCE MAY	FREQUEN JUN	ICY OF	CEILING AUG	AND VIS	SIBILITY	NOV	DEC	ANN	YGR
CIG LT 3000 FT AND/CR VSBY LT 3 MI	LST 00 - 02 03 - 05 06 - 08 09 - 11 12 - 14 15 - 17 18 - 20 21 - 23 ALL	.3 1.0 1.6 1.6 1.1 .4 1.2 .9 1.0	2.0 1.2 1.5 .9 .8 1.1 1.5 2.1	.0 .1 1.2 .9 .2 .6 .3 .4	.2 .2 .0 .0 .0 .1 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0 .0 .0 .0 .1 .0 .0 .0 .0 .0	.0 .0 .3 .0 .0 .1 .2	.1 .0 .1 .0 .1 .2 .0	.1 .0 .1 .0 .7 .6 .4 .4	.0 .1 .2 .3 .5 .1 .0 .0	.4 .8 1.1 .8 .4 .3 .3 .6	1.9 2.5 2.0 1.4 1.1 .6 1.9	.4 .5 .7 .5 .4 .3 .5 .5	16 10 13 14 16
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02 03 - 05 06 - 08 09 - 11 12 - 14 15 - 17 18 - 20 21 - 23 ALL	.2 .8 .8 .8 .5 .3 .6 .4	.6	.0 .0 .4 .2 .1 .1 .1 .1	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0 .0 .2 .0 .0 .0 .1 .2 .1 .1	.1 .0 .1 .0 .1 .1 .0 .1	.1 .0 .1 .0 .7 .3 .3 .0	.0	.3 .7 .7 .3 .3 .3 .1 .1	.9 1.1 1.0 1.1 .6 .5 .8 .4	.2 .2 .3 .2 .2 .2 .2 .2	10 10 10 10 10 10 10 10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02 03 - 05 06 - 08 09 - 11 12 - 14 15 - 17 18 - 20 21 - 23 ALL	.2 .8 .4 .3 .1 .3 .5 .3 .4	.2	.0 .0 .0 .0 .0 .0 .0 .0	.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .1 .0 .0 .1 .2 .1 .1	0 .0 .0 .0 .0 .0 .0 .0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0 .0 .0 .1 .1 .0 .0 .0 .0	.2 .7 .7 .0 .1 .3 .0 .0 .0 .2	.8 .9 .9 .8 .2 .5 .5	.1 .2 .2 .1 .1 .1 .1 .1 .1	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02 03 - 05 06 - 08 09 - 11 12 - 14 15 - 17 18 - 20 21 - 23	.1 .0 .1 .0 .0 .0 .0 .0	.1 .4 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0 .0 .1 .0 .0 .0 .2 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.2	.2 .0 .2 .1 .0 .0 .0	j .1	10 10 10 10 10 10 10 10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

HR/TS	AUG	SEP	ANN
60NM	0/0	0/0	0/0
120NM	0/0	0/0	0/0
240NM	1/1	071	1/2

REMARKS : ລ

DISTRIBURTION

5WW/DN, Langley AFB, VA 23665-5524	
25WS/DON, Bergstrom AFB, TX 78743-5000	
Det 13, 25WS, Davis-Montham AFB, AZ 85707-6801	
USAFETAC/LDD, Scott AFB, IL 62225-5438	
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723	
DTIC-FDAC, Cameron Station, Alexandric, VA 22304-6145	